UNITED STATES DISTRICT COURT WESTERN DISTRICT OF TEXAS WACO DIVISION

CloudofChange, LLC,	
Plaintiff,	Case No. 6:22-cv-634-ADA
v.	
Clover Network, Inc.,	JURY TRIAL DEMANDED
Defendant.	

PLAINTIFF'S DISCLOSURE OF ASSERTED CLAIMS AND PRELIMINARY INFRINGEMENT CONTENTIONS

In accordance with the Standing Order Governing Proceedings – Patent Case, Plaintiff CloudofChange, LLC ("CloudofChange" or "Plaintiff") makes the following disclosure of its asserted claims of U.S. Patent No. 9,400,640 (the "'640 Patent"), U.S. Patent No. 10,083,012 (the "'012 Patent"), U.S. Patent No. 11,226,793 ("'793 Patent") concerning the infringing activities and products manufactured by Defendant Clover Network Inc. ("Clover" or "Defendant").

CloudofChange's disclosure is based upon publicly available information concerning the infringing activities and products. CloudofChange has received no discovery to date from Clover and certain information not yet available to CloudofChange may be relevant to its assertion of patent infringement. CloudofChange expressly reserves the right to supplement these Preliminary Infringement Contentions.

Subject to the above reservation of rights, CloudofChange makes the following disclosures:

INFRINGEMENT OF U.S. PATENT NO. 9,400,640, U.S. PATENT NO. 10,083,012, AND U.S. PATENT NO. 11,226,793.

I. Disclosure of Asserted Claims and Preliminary Contentions

A. Asserted Claims

Based upon information presently available to it, CloudofChange asserts that Clover has and/or continues to directly infringe and/or indirectly infringe, by active inducement and/or contributory infringement Claims 1, 3, 5-6, and 8-14 of the '640 Patent; Claims 1-2, 4, and 6-13 of the '012 Patent; and Claims 1-4, 9, 11, 42, and 44 of the '793 Patent.

B. Preliminary Infringement Contentions Claim Charts

CloudofChange's Preliminary Infringement claim chart of the '640 Patent is attached as Exhibits A to these disclosures, which sets forth where in the accused products each element of the asserted claim(s) are found.

As shown in Exhibit A, CloudofChange contends that each element of Claims 1, 3, 5-6, and 8-14 are literally present, including Claims 10 and 13 on information and belief.

To the extent that Defendant contends that certain elements are not literally present in the accused products, the elements are at least present under the Doctrine of Equivalents because the difference between the claims and Clover's infringement, if any, are insubstantial and the accused products perform substantially the same function, in substantially the same way, to achieve substantially the same result as the '640 Patent claims.

CloudofChange's Preliminary Infringement claim chart of the '012 Patent is attached as Exhibits B to these disclosures, which sets forth where in the accused products each element of the asserted claim(s) are found.

As shown in Exhibit B, CloudofChange contends that each element of Claims 1, 2, 4, 6-13 are literally present, including Claims 9 and 10 on information and belief.

To the extent that Defendant contends that certain elements are not literally present in the accused products, the elements are at least present under the Doctrine of Equivalents because the difference between the claims and Clover's infringement, if any, are insubstantial and the accused products perform substantially the same function, in substantially the same way, to achieve substantially the same result as the '012 Patent claims.

CloudofChange's Preliminary Infringement claim chart of the '793 Patent is attached as Exhibits C to these disclosures, which sets forth where in the accused products each element of the asserted claim(s) are found.

As shown in Exhibit C, CloudofChange contends that each element of Claims 1-4, 9, 11, 42, and 44 are literally present.

To the extent that Defendant contends that certain elements are not literally present in the accused products, the elements are at least present under the Doctrine of Equivalents because the difference between the claims and Clover's infringement, if any, are insubstantial and the accused products perform substantially the same function, in substantially the same way, to achieve substantially the same result as the '793 Patent claims.

C. Priority Date

For purposes of this litigation, the priority date for each asserted claim of the '640 Patent is February 5, 2008, the filing date of the '640 Patent.

For purposes of this litigation, the priority date for each asserted claim of the '012 Patent is February 5, 2008, the filing date of the '640 Patent.

For purposes of this litigation, the priority date of each asserted claim of the '793 Patent is February 5, 2008, the filing date of the '640 Patent.

II. **Document Production Accompanying Disclosure**

Pursuant to the Standing Order Governing Proceedings - Patent Case, Plaintiff CloudofChange identifies all documents, produced herewith, evidencing conception and reduction to practice for each claimed invention and a copy of the file history for each patent in suit: COCCLV0000001-COCCLV0001972.

Dated: September 30, 2022

Respectfully submitted,

By: /s/ John A. Yates

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CERTIFICATE OF SERVICE

I hereby certify that a copy	of the foregoing do	cument was served o	n counsel of record on
September 30, 2022.			

/s/ John A. Yates
John A. Yates

Exhibit A

Exhibit A – Preliminary Infringement Chart for U.S. Patent No. 9,400,640

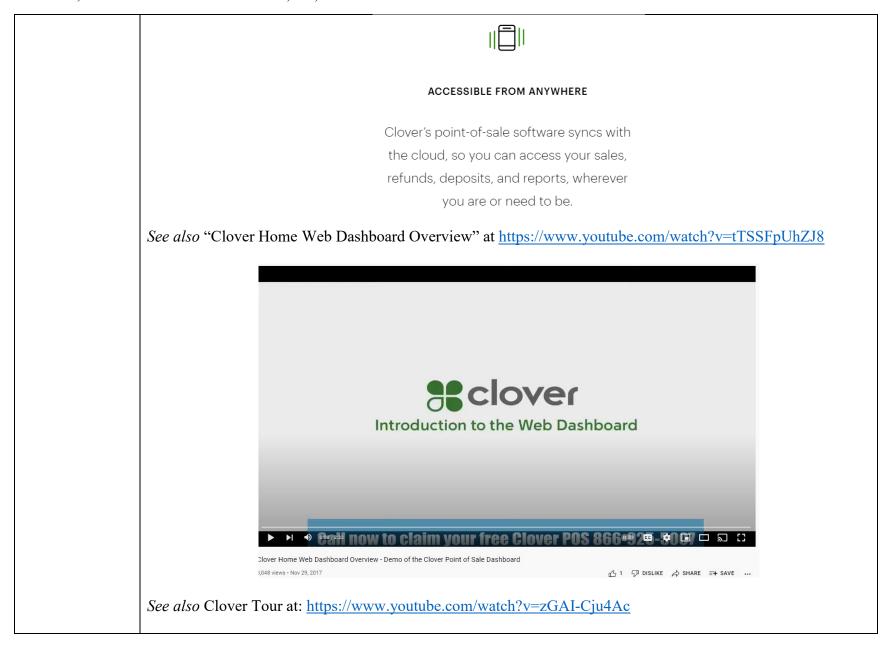
- 1. <u>Clover POS System</u> Clover, Available at https://www.clover.com/pos-systems
 - a. Retrieved: June 12, 2022.
- 2. Clover Home Web Dashboard Overview Clover, Available at https://www.youtube.com/watch?v=tTSSFpUhZJ8
 - a. Retrieved: June 12, 2022
- 3. <u>Clover Shop</u> Clover, Available at https://www.clover.com/shop
 - a. Last visited on June 12, 2022.
- 4. Set up your Station Pro Clover, Available at https://www.clover.com/help/set-up-your-station-pro/
 - a. Retrieved: June 12, 2022
- 5. Connect and activate your Station 2 Clover, Available at https://www.clover.com/help/set-up-your-mini
 - a. Retrieved: June 12, 2022
- 6. Fix Network Connections Clover, Available at https://www.clover.com/help/fix-network-connections
 - a. Retrieved: June 12, 2022
- 7. <u>Business Tracking Reports</u> Clover, Available at https://fortunepayments.com/clover-pos-business-tracking-reporting/
 - a. Retrieved: June 12, 2022
- 8. <u>Table Service</u> Clover, Available at https://www.clover.com/pos-solutions/restaurant
 - a. Retrieved: June 12, 2022
- 9. No Hardware Clover, Available at https://www.clover.com/no-hardware
 - a. Retrieved: June 12, 2022
- 10. Restaurant Holiday Webinar Clover, Available at https://youtu.be/x4hCW5IVuIE
 - a. Retrieved: June 12, 2022
- 11. <u>Using Clover Web Dashboard</u> Clover, Available at https://www.youtube.com/watch?v=xHiR9E3Awoc
 - a. Retrieved: June 12, 2022
- 12. <u>Clover Counter Service</u> Clover, Available at https://nationalbankcard.com/business-types/counter-service-restaurants/
 - a. Retrieved: September 29, 2022
- 13. <u>Clover POS Shop</u> Clover, Available at https://www.youtube.com/watch?v=JBly5KZhv5A
 - a. Retrieved: September 29, 2022
- 14. <u>Prepare Inventories and Menus</u> Clover, Available at https://www.clover.com/help/prepare-to-work-with-inventories-and-menus?device=ZKF1GcCo6sus0GkgWw6ku
 - a. Retrieved: On or before June 12, 2022
- 15. <u>Manually Manage Item Availability</u> Clover, at Available at https://www.clover.com/en-US/help/manually-manage-item-availability</u>

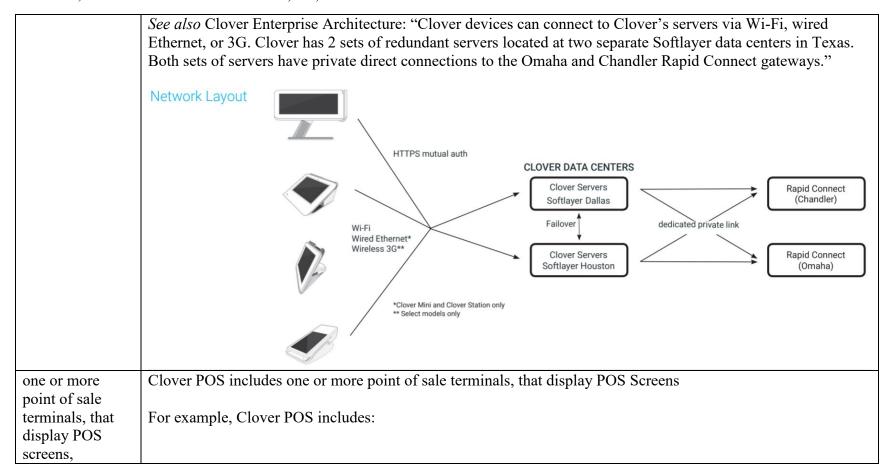
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- a. Retrieved: September 29, 2022
- 16. Set Up Offline Payments Clover, Available at https://www.clover.com/help/set-up-offline-payments
 - a. Retrieved: September 29, 2022
- 17. <u>Clover Tour For Retail</u> Clover, Available at https://www.youtube.com/watch?v=zGAI-Cju4Ac
 - a. Retrieved: September 29, 2022
- 18. Clover Retail Webinar Clover, Available at https://youtu.be/002k57 Q4N0
 - a. Retrieved: September 29, 2022
- 19. <u>Clover Table Service Restaurant Webinar</u> Clover, Available at https://youtu.be/v7sBOQ66rYw
 - a. Retrieved: September 29, 2022
- 20. <u>Bagels And Brew</u> Clover, Available at https://blog.clover.com/bagels-and-brew/
 - a. Retrieved: September 29, 2022
- 21. Meet the Merchant Clover, Available at https://blog.clover.com/meet-the-merchant-la-gelati/
 - a. Retrieved: September 29, 2022
- 22. POS Pricing Clover, Available at https://tech.co/pos-system/clover-pos-pricing
 - a. Retrieved: September 29, 2022
- 23. <u>Clover Asset Service Plans</u> Clover, Available at https://assets.ctfassets.net/3mu3dzx76r6a/34mDu5cGPXZo4LLIxADf8I/4ec87289d71c6fc8ee6c87af067739b9/Clover service plans 6 23 2020.pdf
 - a. Retrieved: September 29, 2022
- 24. <u>Clover YouTube Ad</u> Clover, Available at https://www.youtube.com/watch?v=rrjsma7Q7VU
 - a. Retrieved: June 12, 2022
- 25. <u>Square Versus Clover</u> Clover, Available at https://tech.co/pos-system/square-vs-clover
 - a. Retrieved: September 29, 2022

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
Claim 1	(tormerly Station 110), Clover Minn, Clover Dashboard) (conectively, Clover 103)
1. A web-based point of sale (POS) builder system comprising:	CloudofChange asserts that the preamble is not limiting. To the extent that the preamble is construed as limiting, Clover POS includes a web-based point of sale (POS) builder system. For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." <i>Source</i> :
comprising.	https://www.clover.com/pos-systems
	COMPLETELY CUSTOMIZABLE
	Your POS system should be tailored to
	your needs today and scale with your
	business. Build the system you need now,
	and expand as you grow with devices,
	apps, and accessories.
	See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software syncs with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.





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		Station Our fastest point of sale	Flex Payments beyond the counter	Station Pro A powerful point of sale for both sides of the counter
		42	2	
		Mini A full POS in a small package	GO Accept swipe, dip, and tap payments from your phone	
			(%)	*
	Source: https://www.clover.com/shop. Last accessed on June 12, 2022.			
an internet connection from	Clover POS includes an internet connection from said one or more point of sale terminals to a web server.			
said one or more	For example, Clover POS includes:			
point of sale	1 of example, Clovel 1 05 includes.			
terminals to a				
web server,				
	ACCESSIBLE FROM ANYWHERE			
	Clover's point-of-sale software syncs with			
	the cloud, so you can access your sales,			
	refunds, deposits, and reports, wherever			
			you are or need	to be.
	Source: https://www.clover.com/pos-systems.			
	See also Set up your S	Station Pro at https://doi.org/10.25/	//www.clover.com/	<u>help/set-up-your-station-pro/</u>

CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit A, Claim Chart for U.S. Pat. No. 9,400,640



The LAN Ethernet cable connects the completed assembly to your internet network.

See also id.

Connect your Station Pro to a network

Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.

If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.

To connect your Station Pro to a network:

- On the Welcome screen, select your preferred language and then tap Next.
- 2 On the Network screen, choose your network type and tap Continue:
 - · Ethernet networks connect with the supplied Ethernet cable.
 - · Mobile networks use the installed SIM card and its cellular network connection.
 - . Wi-Fi networks connect wirelessly to a router you have previously set up.
- 3 Wait until you see the message that the device is successfully connected and then tap

See also Connect and activate your Station 2 at https://www.clover.com/help/set-up-your-mini

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 Connect your Clover device to a network
You need an internet connection to activate your device. After your device powers on, the Connect to Network screen helps get you connected.
Connect to the network with an Ethernet cable
Because wireless can be unreliable or spotty (which is often out of your control), we recommend connecting your Clover devices to the internet via Ethernet. This method ensures that your Clover device is connected and online even when your wireless connection is not responding.
If your Ethernet cable is already plugged into the hub, your device automatically tries to connect to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.
If you have problems setting up your Ethernet, learn more in the troubleshooting guide to <u>fix your Ethernet connection problems</u> .
You can always connect to the Ethernet after exiting the Setup Wizard.
To connect your device via Ethernet:
Plug one end of your Ethernet cable into the device hub.
Plug the other end into your modem, router, or switch.
Your device will automatically try to connect to the internet.
You will see Successfully Connected to Server when connected. If your device does not automatically connect,
Tap Check Connection. If this fails, wait two minutes and tap Check Connection button again. If you receive an Error connecting to the network message:
 Check that the router used is connected to the internet by plugging in your laptop or mobile device.
Check that the Ethernet cable is plugged all the way into the Printer.
Tap Check Connection. You will see Successfully Connected to Server when connected.
Connect your Clover device to a Wi-Fi network
To connect to a Wi-Fi network:
Tap Configure next to the Wi-Fi option.
From the list of available wireless networks, tap the name of your wireless network. (If your network doesn't appear, tap Add a New Network and then tap the network by name.)
3 Enter the network password.
Tap Done.
Tap Check Connection. When the connection is successful, you will be taken through the activation process. If not you'll be asked to select a different network or re-enter the Wi-Fi password.

See also Clover Web Dashboard at Clover Help Center: https://www.clover.com/pos-systems

Virtual Terminal for payments anywhere, anytime

Accept payments anywhere with your computer, tablet, or smartphone without a POS device. Fire up Virtual Terminal right on your Clover Web Dashboard, 24/7.

VIRTUAL TERMINAL

See also Fix network connections at https://www.clover.com/help/fix-network-connections/

Fix network connections

If your Clover device is having network connection problems, you can follow a series of simple tests to diagnose and fix them.

At any time, you can contact Clover Support.

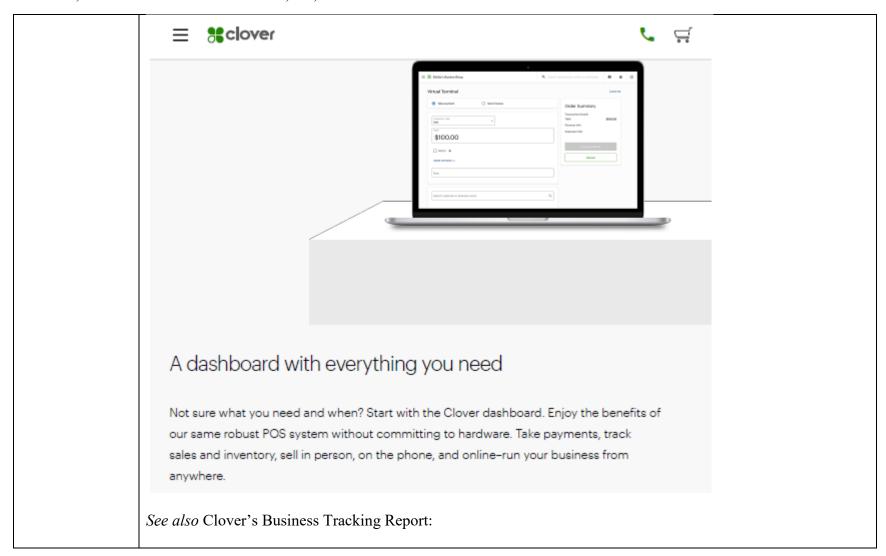
Clover devices can connect to the Internet in any one of these three ways:

- With a 3G wireless connection, which uses 3G (third-generation wireless mobile) technology to connect
- * With a Wi-Fi wireless connection, which uses a router to distribute data to your devices without a cable.
- With an Ethernet cable that you have plugged in from a router to your Clover device.

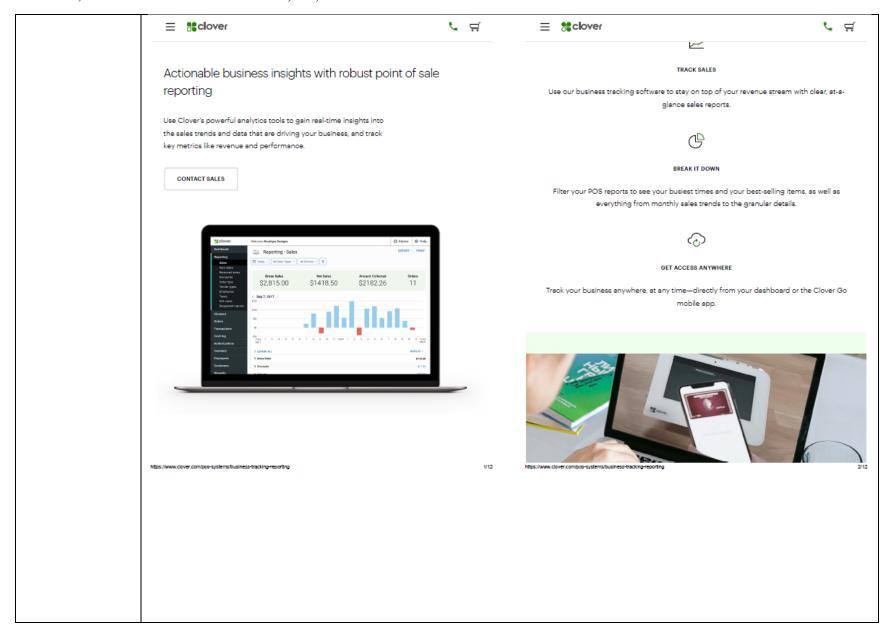
You can troubleshoot connection problems by following the steps for your network type.

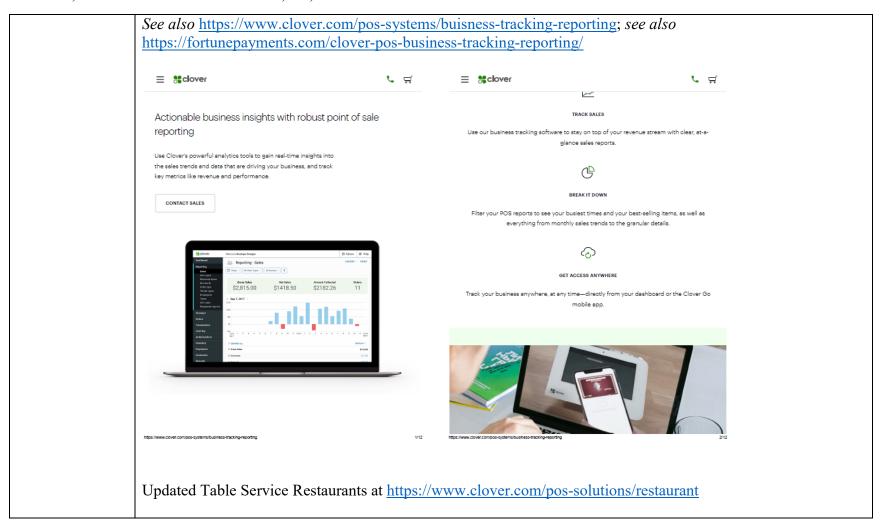


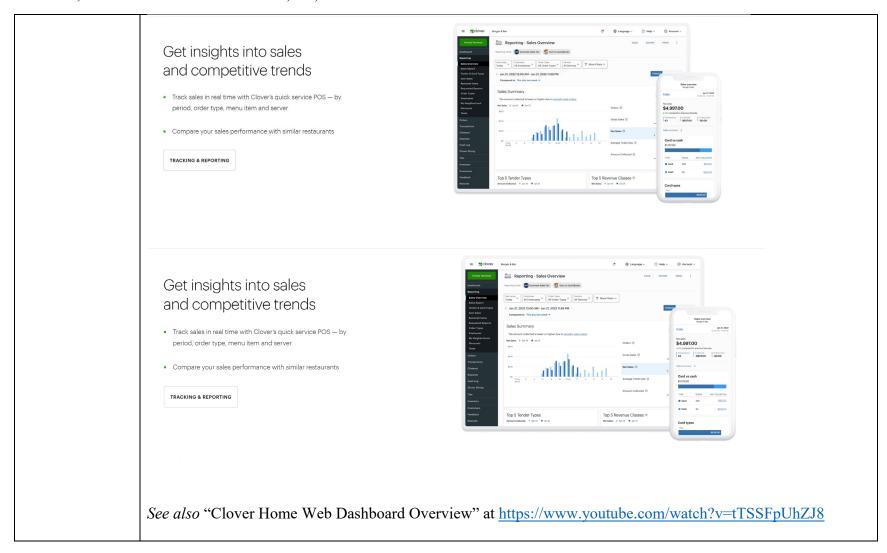


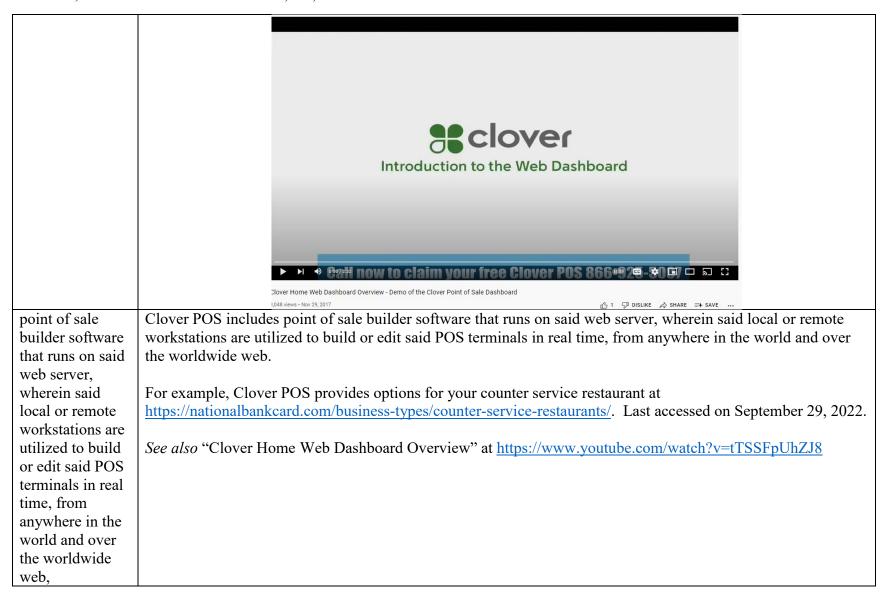


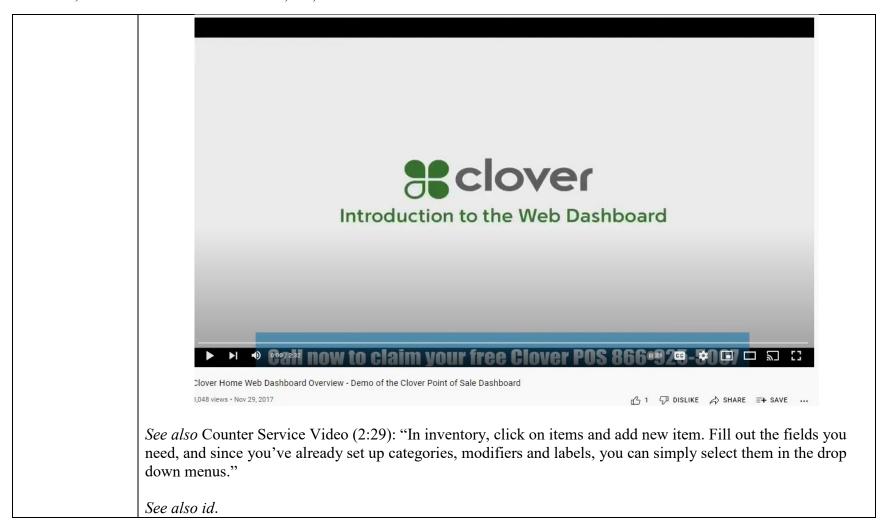
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit A, Claim Chart for U.S. Pat. No. 9,400,640

Build your restaurant food and beverage menu

Build your menu by adding food and beverage items using the Inventory app on the Web Dashboard. When you build a menu, you can also define menu item modifiers to help the cashier take precise orders.

To build your menu:

- 1 On a web browser, log in to the Web Dashboard.
- 2 Click Inventory > Category > Add New Category. Decide whether you want to group similar menu items into categories for easier management. If you do, create a few categories, such as food or bar. Reports also group items by category for easier reading. After you create a category here, you can add items to it.
- 3 Click Inventory > Labels > Add New Label. Create labels for your menu items to easily sort them for specific purposes, such as revenue class accounting. For example, you might have a walk-up eatery and a food truck, each with separate revenue accounting. You can create a label for each revenue class. Then attach each revenue class label to items in that revenue class. And report taxes easily for that revenue class.
- 4 Click Inventory > Modifier Groups > Add New Modifier Group. Some menu items are ordered in a modified way, such as steak cooked rare or medium. Create modifiers and add their modifier groups to let the kitchen know exactly what the customer wants. You can also create modifiers for add-on items that cost extra, such as toppings.
- (5) Click Inventory > Items > Add New item. Add menu items on this page. Fill in the details for each new item. Only the name is required. Add the item to a category. If your servers will order the item in several different ways, add it to a modifier group. If you are using labels for reporting, attach a label to it.

See also, Prepare to work with inventories and menus at https://www.clover.com/help/prepare-to-work-with-inventories-and-menus/?device=ZKF1GcCo6sus0GkgWw6ku

Add items three ways

You can add inventory items in three ways:

- Enter individual item details, either on a Clover device or on the Clover Web Dashboard. Use
 this method when you want to add one item at a time. You can also use this method to
 complete the details for item entries you have added in other ways.
- Scan merchandise barcodes. You can use this method when you have merchandise or stock available with barcode labels.
- Import inventory items as data from a spreadsheet. You can use this method when you want
 to add many items at the same time. You need each item name and any amount of additional
 information that describes the item. Clover supplies a spreadsheet template you can use.

See also: Add, edit, and remove inventory items

Create item variants for merchandise differentiation

For the retail industry, variants let you assign variations to a single item. For example, if your business sells a men's dress shirt available in both broadcloth and twill, you'd create an item called **Dress Shirt**, and create variants of broadcloth and twill.

To complete the transaction in the Register app, the employee chooses between Dress Shirt broadcloth and Dress Shirt twill.

For details, read about adding items with variants.

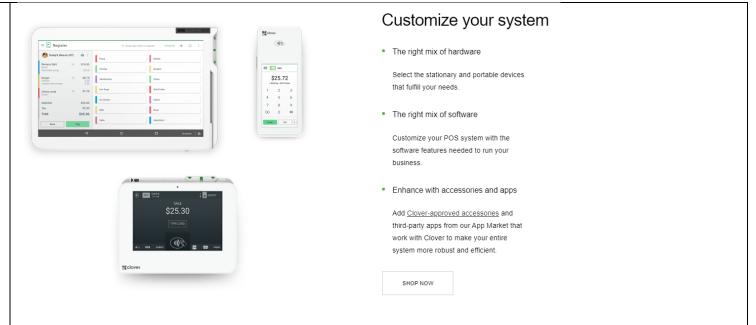
See also: Add, edit, and remove inventory items

See also Add, edit, and remove inventory items at https://www.clover.com/help/build-a-merchandise-inventory-or-restaurant-menu/?device=ZKF1GcCo6sus0GkgWw6ku

See also id., "You can build your inventory or menu in the following ways: On the Web Dashboard, On any Clover device, Using a barcode scanner on a Clover device, Using a spreadsheet and the Web Dashboard."

See also Manually manage item availability at https://www.clover.com/en-US/help/manually-manage-item-availability

See also Customize your system at https://www.clover.com/pos-systems



See also Clover Retail Webinar at https://youtu.be/002k57_Q4N0

- (25:15) Inventory on app and device: "We can adjust it on the device or we can do so online as well. . ."
- (25:44) Sync: "As soon as I change the price on here it's going to sync to all my devices as well..."
- (28:30) Add Items with Variants

See also Clover Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw

- (11:40) Real time, from anywhere: Re: restaurant floor plans, "Now likewise, I can do this from a computer. So say if I'm at home and they say 'we need this section open and y'all didn't open it, I can log into my Clover Web Dashboard on my computer or phone and edit the floor plan from my dashboard as well and it will just immediately update the systems at the restaurant."
- (29:45) Customization, on the main screen of the Clover device: "...accessible here, things like editing your menu can be done on site by clicking on the inventory app..." "...very simple to adjust..."
- (38:20) Customization, in the back office, on the Web Dashboard on a computer: "Whatever changes you make at the restaurant or from the computer, they will communicate with each other so what's nice is they synchronize within a few seconds, making things easy to keep up to date and whether you're

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit A, Claim Chart for U.S. Pat. No. 9,400,640

working from home or the computer it makes it hopefully convenient." "All the tools here are available and you can access it at any given time."

See also Clover Tour at: https://www.youtube.com/watch?v=zGAI-Cju4Ac

• (0:15): "Run your business from a Clover device or from virtually anywhere. Log into the web dashboard from any internet browser to manage everything from inventory to reports – its cloud-based. And syncs in real time with your Clover devices and apps."

See also Meet the Merchant: Bagels & Brew at https://blog.clover.com/bagels-and-brew/, "The thing I really appreciate . . . about using Clover is that we can update our menu and our prices in an instant." "Clover is so easy to use and we can update everything ourselves."

See also Meet the Merchant: La Gelati at https://blog.clover.com/meet-the-merchant-la-gelati/, "We learned that making changes to our menu was much easier than we imagined, and we were immediately happy with it."

See also Clover Restaurant Businesses Holiday 2020 Webinar at https://www.youtube.com/watch? v=x4hCW5IVuIE. Last accessed on June 12, 2022.

- Stacy Shulis (spelling?) Product Marketing Director for Clover Restaurant Products: (13:20) "Clover makes it super easy to create and to market an online ordering menu."
- (29:29) "Absolutely there are actually a few features [on registers] that you can customize online."
- (30:00) Customize the look of the register
- (32:00) Adding menu items demo
- (35:09) No limitations to how many times or how often you can change your menu; no waiting time to have your menu updated on your system, "happens almost instantly"
- (35:48) Capability to change menu items remotely

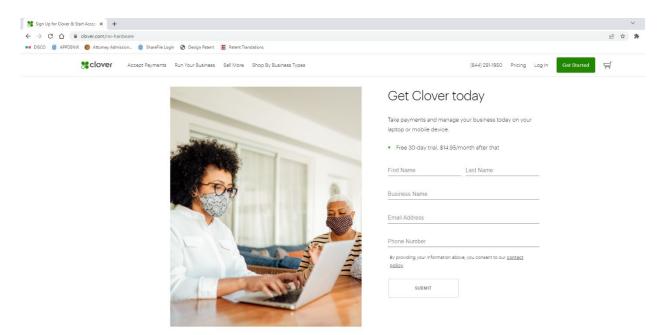
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit A, Claim Chart for U.S. Pat. No. 9,400,640

wherein said web servers are provided as a vendor subscription service wherein web server software resides and is hosted on said vendor's remote servers and wherein subscriber company's POS terminals access and repeatedly interact with said web server software from said vendor's remote servers, in order to perform the subscriber's desired terminal function, over a network, wherein the network comprises the Internet.

Clover POS includes wherein said web servers are provided as a vendor subscription service wherein web server software resides and is hosted on said vendor's remote servers and wherein subscriber company's POS terminals access and repeatedly interact with said web server software from said vendor's remote servers, in order to perform the subscriber's desired terminal function, over a network, wherein the network comprises the Internet.

See Clover No Hardware at https://www.clover.com/no-hardware



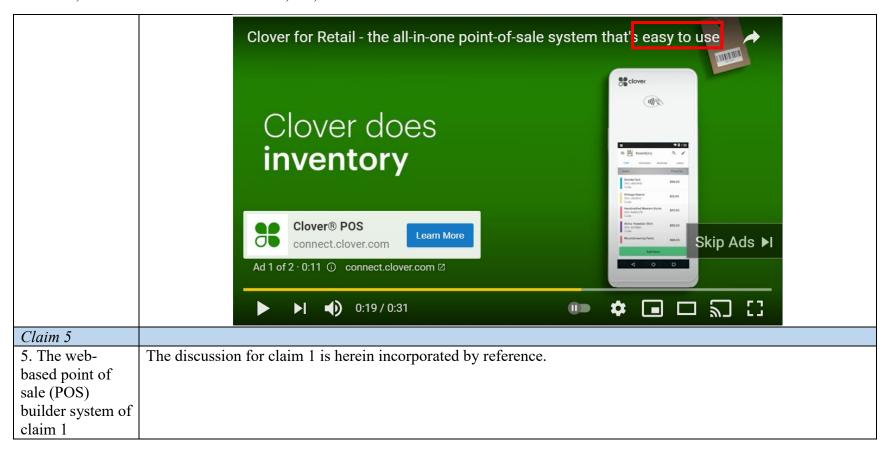
See also Hardware store at https://www.clover.com/shop.

See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



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Claim 3	
3. The web-	The discussion for claim 1 is herein incorporated by reference.
based point of	
sale (POS)	
builder system of	
claim 1 wherein use of	
said builder	Clover POS includes wherein use of said builder requires no special training.
requires no	For example, Clover POS System (source: https://www.clover.com/pos-systems) states:
special training.	Tor example, clover 1 05 System (Source: https://www.clover.com/pos/systems/states.
- F	
	COMPLETELY CUSTOMIZABLE
	Your POS system should be tailored to
	your needs today and scale with your
	business. Build the system you need now,
	and expand as you grow with devices,
	apps, and accessories.
	Last accessed on June 12, 2022.
	See also Meet the Merchant: Bagels & Brew at https://blog.clover.com/bagels-and-brew/ , "The thing I really appreciate about using Clover is that we can update our menu and our prices in an instant." "Clover is so easy to use and we can update everything ourselves."
	See also Meet the Merchant: La Gelati at https://blog.clover.com/meet-the-merchant-la-gelati/ , "We learned that making changes to our menu was much easier than we imagined, and we were immediately happy with it."
	See also Clover YouTube Ad: (Clover Demo video at https://www.youtube.com/watch?v=rrjsma7Q7VU):



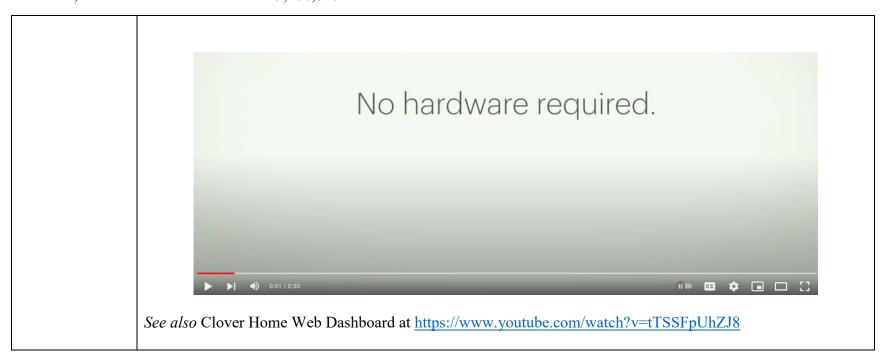
wherein no specialized hardware or software is required to implement said POS builder, and wherein no on site, in-store server is required. Clover POS includes wherein no specialized hardware or software is required to implement said POS builder, and wherein no on site, in-store server is required.

For example, Clover POS System (source: https://www.clover.com/pos-systems): "Clover's point-of-sale software syncs with the cloud, so you can access your sales, refunds, deposits, and reports, wherever you are or need to be." Last accessed on June 12, 2022.

See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



See also Clover POS Shop (source: https://www.youtube.com/watch?v=JBly5KZhv5A): "Start taking card payments today. No hardware required." Last accessed September 29, 2022.



	Cloud Based System Real-time updates when changes are made via the Station or Web Dashboard Station or Web Dashboard Station
Claim 6	
6. The web- based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorporated by reference.
wherein said	Clover POS includes wherein said POS builder is useable to deliver POS application solutions using software as
POS builder is	a subscription (SAAS).
useable to	
deliver POS	For example, Clover Pricing (source: https://tech.co/pos-system/square-vs-clover): "The most expensive plan costs \$39.95 per month, and if you use the Clover Station or Station Pro, you'll be required to use this plan. It
application solutions using	charges 2.3% + \$0.10 for all transactions, and extra cash registers cost \$9.95 per month."
software as a	charges 2.3 /6 + \$0.10 for all transactions, and extra cash registers cost \$9.93 per month.
subscription	

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Claim 8	
8. The web-based point of sale (POS) builder system of claim 1 wherein said POS builder adds new POS screens.	The discussion for claim 1 is herein incorporated by reference. Clover POS includes wherein said POS builder adds new POS screens. See also Add, edit, and remove inventory items at https://www.clover.com/help/build-a-merchandise-inventory-or-restaurant-mentu/?device=ZKF1GcCo6sus0GkgWw6ku To add a new item on the Web Dashboard: 1 On a web browser, log in to the Web Dashboard. 2 Click Inventory. 3 On the Items tab, click Add New Item. 4 Click each entry field and add basic details. You can add basic details now or later. Only the item name is required. 5 Add optional item details by clicking Edit * for each one. 6 When you are done, click Save. The Clover system lists your new inventory item on the Web Dashboard and shows it on every Clover device.
Claim 9	
9. The web- based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorporated by reference.

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wherein said POS builder	Clover POS includes wherein said POS builder edits existing POS screens.		
edits existing POS screens.	See also Add, edit, and remove inventory items at https://www.clover.com/help/build-a-merchandise-inventory-or-restaurant-menu/?device=ZKF1GcCo6sus0GkgWw6ku		
	Edit item details		
	Use the Inventory app to edit item details.		
	You can edit item details on a Clover device or the Web Dashboard. If you added a custom item in the Register app, you can complete the details for it here.		
	To edit an inventory item on the Clover Web Dashboard:		
	On a web browser, log in to the <u>Web Dashboard</u> .		
	2 Click Inventory.		
	Find the item: You can scroll through the item list or enter text in the Search box and click Search.		
	When you find the item, on the item's row at the far right, click Edit 🖍.		
	5 Edit the item: Click the entry fields and adjust basic and optional details as needed.		
	6 Choose an option:		
	To save changes, click Save .		
	 To save changes and clone the item, creating a duplicate version, click Save & Clone Item. 		
	To reverse any edits you made, click Cancel .		
	The Clover system updates the Web Dashboard and all of your Clover devices. For information about each item detail, check out the steps to add new items and the steps to add new items with variants.		
	See also Manually manage item availability at https://www.clover.com/en-US/help/manually-manage-item-availability		

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Claim 10		
10. The web-	The discussion for claim 1 is herein incorporated by reference.	
based point of		
sale (POS)		
builder system		
of claim 1		
wherein said	On information and belief, Clover POS includes wherein said POS	
POS builder	shape and arrangement of selection keys or buttons on said POS so	creens.
specifies and		
displays the		
number, shape	For example, Clover POS System (source: https://www.clover.com	n/pos-systems):
and arrangement		
of selection keys		Manage your orders
or buttons on		, , , , , , , , , , , , , , , , , , ,
said POS screens.	■ ■ Register	Made to order
screens.	Dusty's Dine-in (#7) 👵 :	
	Banana Split x1 \$10.00	Take orders for in-house, pickup, or
	Chocolate syrup \$2.00 Entrees Burgers Burger x1 \$8.75 Sandwiches Pasta	delivery.
	Cheese \$.50 Lettuce and tomato \$.50	- No order is too complicated
	Cherry soda x1 \$1.25 Small	 No order is too complicated
	Subtotal \$23.00 Tax \$2.30	Open tabs, split bills, and combine
	Total \$25.30	multiple orders easier.
	Subs Appetizers	
	☐ Christine ☐	 Drill down into the details
		Ring up and track item level sales,
	e1	discounts, taxes, and more.
Claim 11		
11. The web-	The discussion for claim 1 is herein incorporated by reference.	
based point of	The discussion for claim 1 is notein incorporated by reference.	
sale (POS)		
builder system of		
claim 1		
J.WIIII I		

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wherein said	Clover POS includes wherein said POS builder adds items to be associated with said keys or buttons.	
POS builder		
adds items to be	For example, Clover POS Build (source: https://www.clover.com/help/build-a-merchandise-inventory-or-	
associated with	restaurant-menu/?device=ZKF1GcCo6sus0GkgWw6ku):	
said keys or		
buttons.	To add a new item on the Web Dashboard:	
	On a web browser, log in to the <u>Web Dashboard</u> .	
	2 Click Inventory.	
	3 On the Items tab, click Add New Item.	
	Click each entry field and add basic details. You can add basic details now or	
	later. Only the item name is required.	
	Add optional item details by clicking Edit 🖍 for each one.	
	6 When you are done, click Save .	
	The Clover system lists your new inventory item on the Web Dashboard and shows it on	
	every Clover device.	
	See also id.	
	Alternate Name	
	Alternate item names are useful for employees who speak a different language. The	
	system prints the alternate name you enter here on order receipts. To ask the system to show alternate names instead of item names, go to Setup app > Order Receipts and	
	choose to Use alternate inventory names.	
	Category Name	
	Select each category you want to contain this item by clicking and choosing from the	
	list.	
	Cost	
	Enter your wholesale cost for this item.	
	See also id.	

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	Name
	Enter a unique name for this item within this inventory. Every item must have a name.
	You can enter up to 127 characters here, including letters, numbers, and spaces.
	Non-revenue item
	Check this box to identify this item as one that you sell for others. Examples of non-
	revenue items include passthrough sales on behalf of other vendors.
	Price
	Enter the price to charge the customer. If you plan to use variable pricing, leave this
	blank. In regions where value-added (VAT) taxes apply, enter a price for this item that
	includes the VAT tax.
See also id.	
	Labels
	Select your choice of labels for this item by clicking and choosing from the list.
	Modifier Groups
	Select your choice of modifier groups for this item by clicking and choosing from the
	list.
See also id.	

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	Product Code
	Enter the universal product code (UPC) that identifies this item. On merchandise, this
	code is a string of numbers and letters that appears in a line of text below the barcode
	image.
	Show in Register
	Leave this box checked to show the item in the Register app. Uncheck it to hide the
	item. It's useful, for example, to hide seasonal items that are not available all year.
	SKU
	Enter the stock keeping unit (SKU) code you define.
	Stock Quantity
	Enter the number of this item now in stock. By default, Clover tracks stock quantities
	for you. You can switch this off by <u>adjusting stock quantity tracking</u> .
	Taxes
	Select your choice of tax rates by checking the boxes. Only one default tax is allowed.
	Argentina merchants can add only one VAT or internal tax to an item.
Claim 12	
12. The web-	The discussion for claim 11 is herein incorporated by reference.
based point of	
sale (POS)	
builder system	
of claim 11	
wherein said	Clover POS includes wherein said POS builder assigns attributes such as item name, price, cost, group, taxable
POS builder	and inventory status to said items.
assigns attributes	
such as item	For example, Clover POS Build (source: https://www.clover.com/help/build-a-merchandise-inventory-or-
name, price,	restaurant-menu/?device=ZKF1GcCo6sus0GkgWw6ku):
cost, group,	
taxable and	
inventory status	
to said items.	

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	To add a new item on the Web Dashboard:
	On a web browser, log in to the <u>Web Dashboard</u> .
	2 Click Inventory.
	3 On the Items tab, click Add New Item.
	Click each entry field and add basic details. You can add basic details now or later. Only the item name is required.
	5 Add optional item details by clicking Edit 🖍 for each one.
	6 When you are done, click Save .
	The Clover system lists your new inventory item on the Web Dashboard and shows it on every Clover device.
See also id.	Alternate Name
	Alternate item names are useful for employees who speak a different language. The system prints the alternate name you enter here on order receipts. To ask the system to
	show alternate names instead of item names, go to Setup app > Order Receipts and choose to Use alternate inventory names .
	Category Name
	Select each category you want to contain this item by clicking and choosing from the list.
	Cost
	Enter your wholesale cost for this item.
See also id.	

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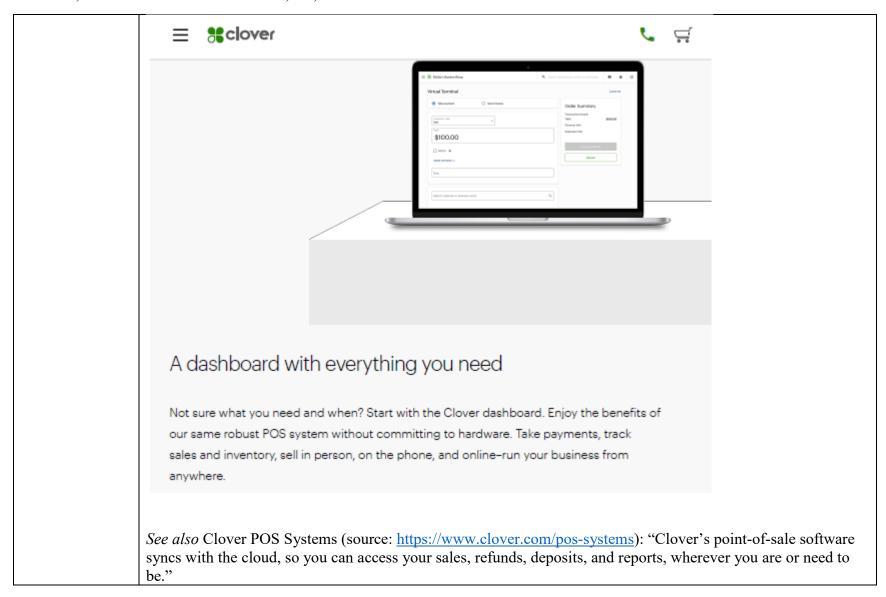
	Name
	Enter a unique name for this item within this inventory. Every item must have a name.
	You can enter up to 127 characters here, including letters, numbers, and spaces.
	Non-revenue item
	Check this box to identify this item as one that you sell for others. Examples of non-
	revenue items include passthrough sales on behalf of other vendors.
	Price
	Enter the price to charge the customer. If you plan to use variable pricing, leave this
	blank. In regions where value-added (VAT) taxes apply, enter a price for this item that
	includes the VAT tax.
See also id.	
	Labels
	Select your choice of labels for this item by clicking and choosing from the list.
	Modifier Groups
	Select your choice of modifier groups for this item by clicking and choosing from the
	list.
See also id.	

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	Product Code
	Enter the universal product code (UPC) that identifies this item. On merchandise, this
	code is a string of numbers and letters that appears in a line of text below the barcode
	image.
	Show in Register
	Leave this box checked to show the item in the Register app. Uncheck it to hide the
	item. It's useful, for example, to hide seasonal items that are not available all year.
	SKU
	Enter the stock keeping unit (SKU) code you define.
	Stock Quantity
	Enter the number of this item now in stock. By default, Clover tracks stock quantities
	for you. You can switch this off by <u>adjusting stock quantity tracking</u> .
	Taxes
	Select your choice of tax rates by checking the boxes. Only one default tax is allowed.
	Argentina merchants can add only one VAT or internal tax to an item.
Claim 13	
13. The web-	The discussion for claim 12 is herein incorporated by reference.
based point of	
sale (POS)	
builder system	
of claim 12	
wherein said	On information and belief, Clover POS includes wherein said attributes are stored, retrievable and changeable
attributes are	from a back office database stored on said web server.
stored,	
retrievable and	See also Clover Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
changeable from	• (11:40) Real time, from anywhere: Re: restaurant floor plans, "Now likewise, I can do this from a
a back office	computer. So say if I'm at home and they say 'we need this section open and y'all didn't open it, I can
database stored	log into my Clover Web Dashboard on my computer or phone and edit the floor plan from my dashboard
on said web	as well and it will just immediately update the systems at the restaurant."
server.	• (29:45) Customization, on the main screen of the Clover device: "accessible here, things like editing
	your menu can be done on site by clicking on the inventory app" "very simple to adjust"

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	• (38:20) Customization, in the back office, on the Web Dashboard on a computer: "Whatever changes you make at the restaurant or from the computer, they will communicate with each other so what's nice is they synchronize within a few seconds, making things easy to keep up to date and whether you're working from home or the computer it makes it hopefully convenient." "All the tools here are available and you can access it at any given time."
Claim 14	
14. The web-	The discussion for claim 1 is herein incorporated by reference.
based point of	
sale (POS)	
builder system of	
claim 1,	
wherein said	Clover POS includes wherein said POS screens are viewable in real-time at remote locations anywhere in the
POS screens are	world via personal computers with browser based web access.
viewable in real-	
time at remote	For example Clover's Shop Webpage includes wherein said POS screens are viewable in real-time at remote
locations	locations anywhere in the world via personal computers with browser based web access:
anywhere in the	
world via	
personal	
computers with	
browser based	
web access.	



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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA

Claim Chart for U.S. Pat. No. 9,400,640
ACCESSIBLE FROM ANYWHERE

Exhibit B

Exhibit B - Preliminary Infringement Chart for U.S. Patent No. 10,083,012

- 1. <u>Clover POS System</u> Clover, Available at https://www.clover.com/pos-systems
 - a. Retrieved: June 12, 2022.
- 2. Clover Home Web Dashboard Overview Clover, Available at https://www.youtube.com/watch?v=tTSSFpUhZJ8
 - a. Retrieved: June 12, 2022
- 3. <u>Clover Shop</u> Clover, Available at https://www.clover.com/shop
 - a. Last visited on June 12, 2022.
- 4. Set up your Station Pro Clover, Available at https://www.clover.com/help/set-up-your-station-pro/
 - a. Retrieved: June 12, 2022
- 5. Connect and activate your Station 2 Clover, Available at https://www.clover.com/help/set-up-your-mini
 - a. Retrieved: June 12, 2022
- 6. Fix Network Connections Clover, Available at https://www.clover.com/help/fix-network-connections
 - a. Retrieved: June 12, 2022
- 7. <u>Business Tracking Reports</u> Clover, Available at https://fortunepayments.com/clover-pos-business-tracking-reporting/
 - a. Retrieved: June 12, 2022
- 8. <u>Table Service</u> Clover, Available at https://www.clover.com/pos-solutions/restaurant
 - a. Retrieved: June 12, 2022
- 9. No Hardware Clover, Available at https://www.clover.com/no-hardware
 - a. Retrieved: June 12, 2022
- 10. Restaurant Holiday Webinar Clover, Available at https://youtu.be/x4hCW5IVuIE
 - a. Retrieved: June 12, 2022
- 11. <u>Using Clover Web Dashboard</u> Clover, Available at https://www.youtube.com/watch?v=xHiR9E3Awoc
 - a. Retrieved: June 12, 2022
- 12. <u>Clover Counter Service</u> Clover, Available at https://nationalbankcard.com/business-types/counter-service-restaurants/
 - a. Retrieved: September 29, 2022
- 13. <u>Clover Mobile</u> Clover, Available at https://vizypay.zendesk.com/hc/en-us/articles/360052041754-Setting-up-your-Clover-Station-Pro
 - a. Retrieved: September 29, 2022
- 14. <u>Clover POS Shop</u> Clover, Available at https://www.youtube.com/watch?v=JBly5KZhv5A
 - a. Retrieved: September 29, 2022
- 15. <u>Prepare Inventories and Menus</u> Clover, Available at https://www.clover.com/help/prepare-to-work-with-inventories-and-menus?device=ZKF1GcCo6sus0GkgWw6ku

- a. Retrieved: On or before June 12, 2022
- 16. <u>Smart Online Orders</u> Clover, Available at https://www.youtube.com/watch?v=u6hEWekBmXU
 - a. Retrieved: September 29, 2022
- 17. Set Up Offline Payments Clover, Available at https://www.clover.com/help/set-up-offline-payments
 - a. Retrieved: September 29, 2022
- 18. <u>Clover Tour For Retail</u> Clover, Available at https://www.youtube.com/watch?v=zGAI-Cju4Ac
 - a. Retrieved: September 29, 2022
- 19. Clover Retail Webinar Clover, Available at https://youtu.be/002k57 Q4N0
 - a. Retrieved: September 29, 2022
- 20. Clover Table Service Restaurant Webinar Clover, Available at https://youtu.be/v7sBOQ66rYw
 - a. Retrieved: September 29, 2022
- 21. <u>Bagels And Brew</u> Clover, Available at https://blog.clover.com/bagels-and-brew/
 - a. Retrieved: September 29, 2022
- 22. Meet the Merchant Clover, Available at https://blog.clover.com/meet-the-merchant-la-gelati/
 - a. Retrieved: September 29, 2022
- 23. POS Pricing Clover, Available at https://tech.co/pos-system/clover-pos-pricing
 - a. Retrieved: September 29, 2022
- 24. <u>Clover Asset Service Plans</u> Clover, Available at https://assets.ctfassets.net/3mu3dzx76r6a/34mDu5cGPXZo4LLIxADf8I/4ec87289d71c6fc8ee6c87af067739b9/Clover service plans 6 23 2020.pdf
 - a. Retrieved: September 29, 2022
- 25. <u>Square Versus Clover</u> Clover, Available at https://tech.co/pos-system/square-vs-clover
 - a. Retrieved: September 29, 2022
- 26. <u>Create and Manage Your Menu</u> Clover, Available at https://www.youtube.com/watch?v=HgKrGiZj5hE
 - a. Retrieved: June 12, 2022
- 27. <u>Using Clover Virtual Terminal</u> Clover, Available at https://www.youtube.com/watch?v=QzaA1BlDZ88
 - a. Retrieved: June 12, 2022
- 28. <u>Network Best Practice</u> Clover, Available at https://www.clover.com/help/use-best-practices-for-networks
 - a. Retrieved: June 12, 2022
- 29. Set Up Online Ordering Clover, Available at https://www.youtube.com/watch?v=MBbUo0XIFD0
 - a. Retrieved: June 12, 2022
- 30. <u>Service Holiday Webinar</u> Clover, Available at https://www.youtube.com/watch?v=XU1Gnk2BLn4
 - a. Retrieved: June 12, 2022

Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 50 of 258

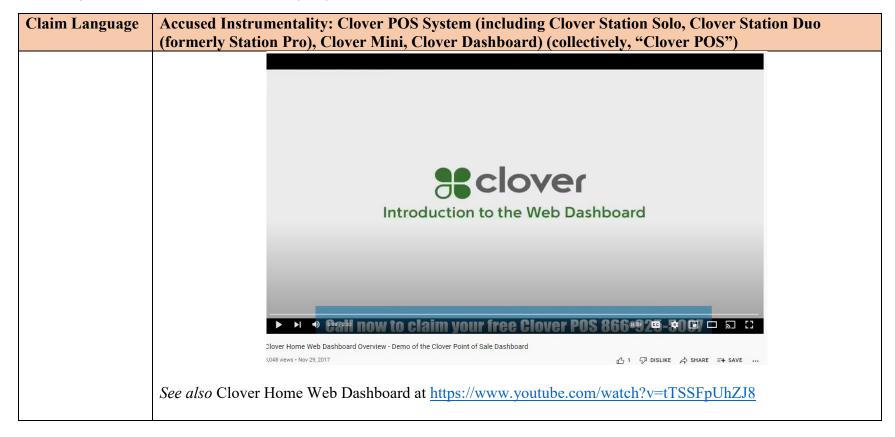
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
Claim 1	
1. A web-based point of sale (POS) builder	CloudofChange asserts that the preamble is not limiting. To the extent that the preamble is construed as limiting, Clover POS includes a web-based point of sale (POS) builder system.
system comprising:	For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." <i>Source</i> : https://www.clover.com/pos-systems . Last accessed on June 12, 2022.
	See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software sync with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8
	Introduction to the Web Dashboard

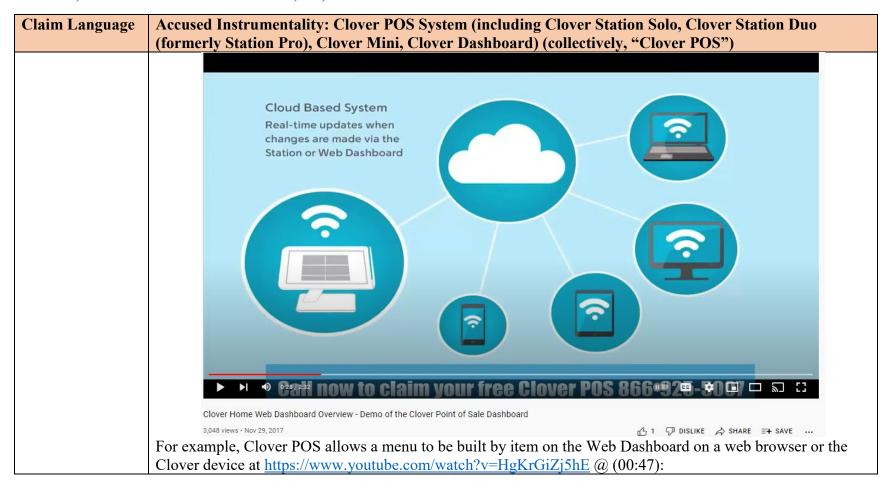
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 51 of 258

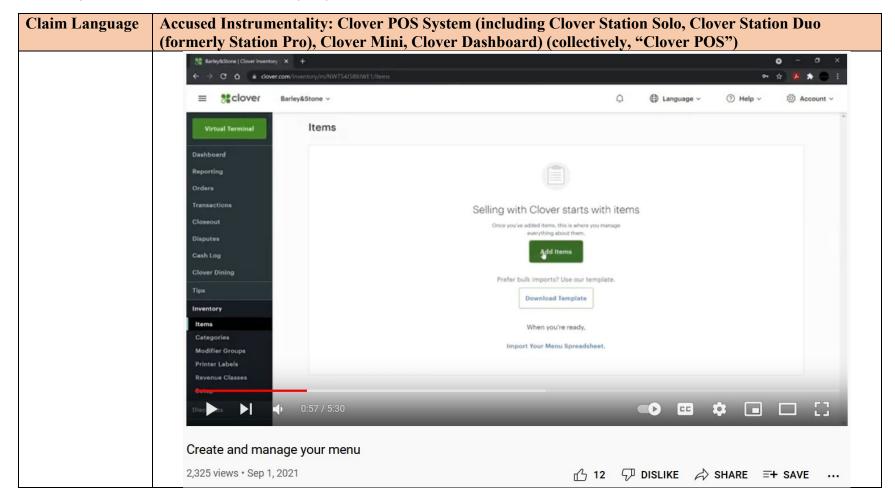
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo	
	(formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")	
a web server	Clover POS includes a web server including POS builder software installed thereon.	
including POS		
builder software	For example, Clover POS includes:	
installed thereon;		
	ACCESSIBLE FROM ANYWHERE	
	Clover's point-of-sale software syncs with	
	the cloud, so you can access your sales,	
	refunds, deposits, and reports, wherever	
	you are or need to be.	
	Source: https://www.clover.com/pos-systems . Last accessed on June 12, 2022.	
	See also Clover Web Dashboard log in site at https://www.clover.com/dashboard/login	
	See also Clover Web Dashboard at Clover Help Center: https://www.clover.com/pos-systems	

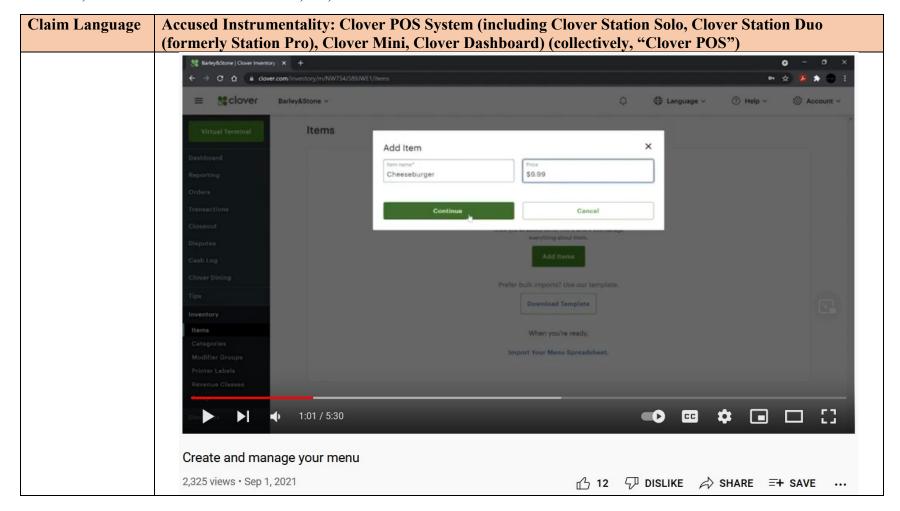
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 52 of 258

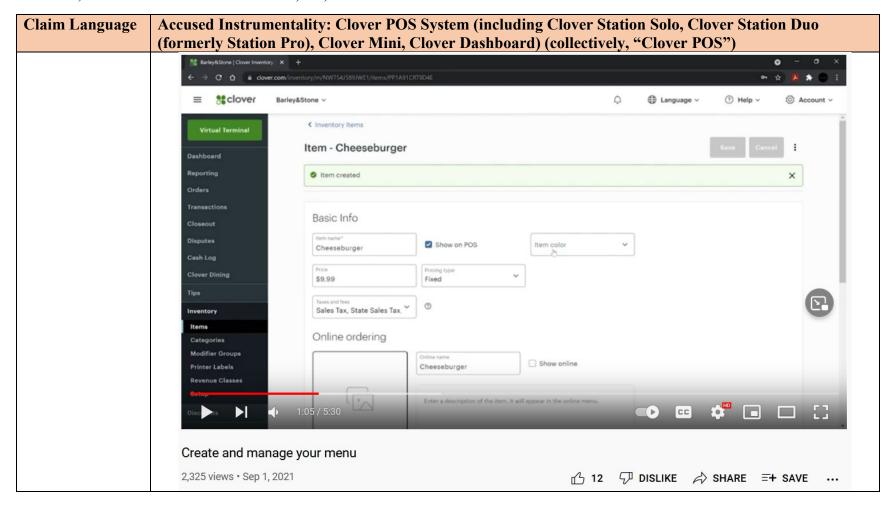
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	Virtual Terminal for payments anywhere, anytime
	Accept payments anywhere with your computer, tablet, or smartphone without a POS device. Fire up Virtual Terminal right on your Clover Web Dashboard, 24/7.
	VIRTUAL TERMINAL
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8

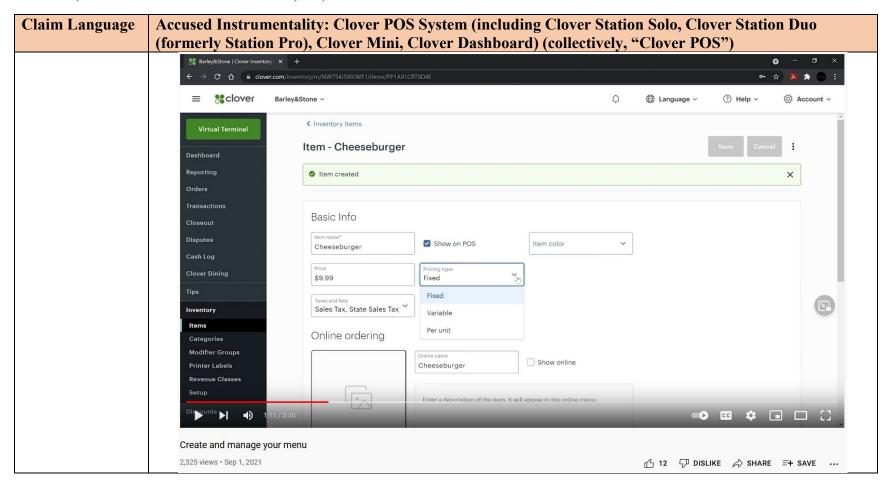


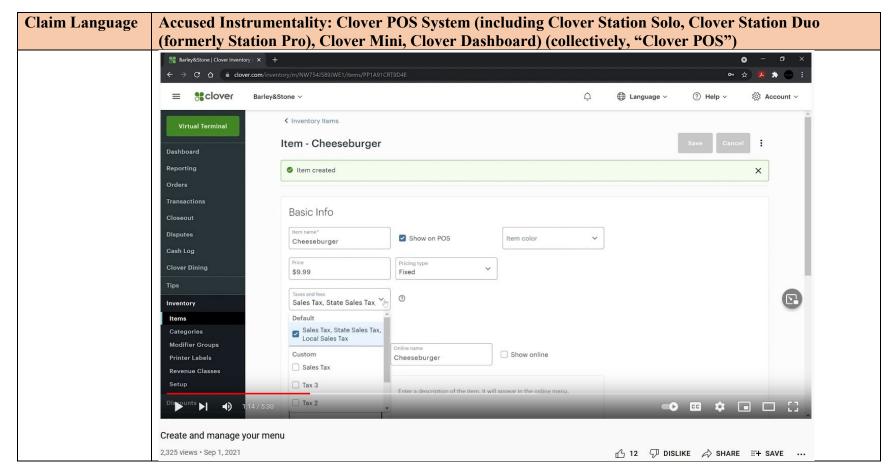












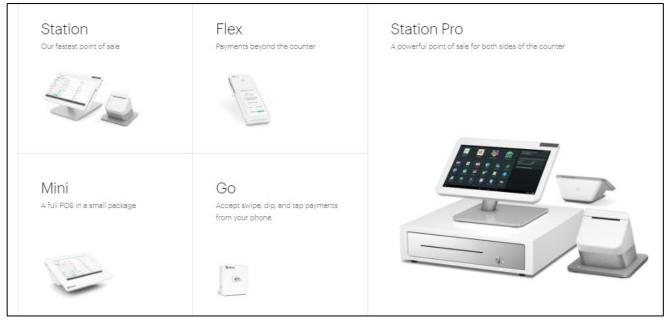
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012

one or more POS terminals generated by said POS builder software and said one or more POS terminals configured to be accessible at one or more terminal devices, said POS terminals configured to accept POS transactions and collect corresponding transaction data; and

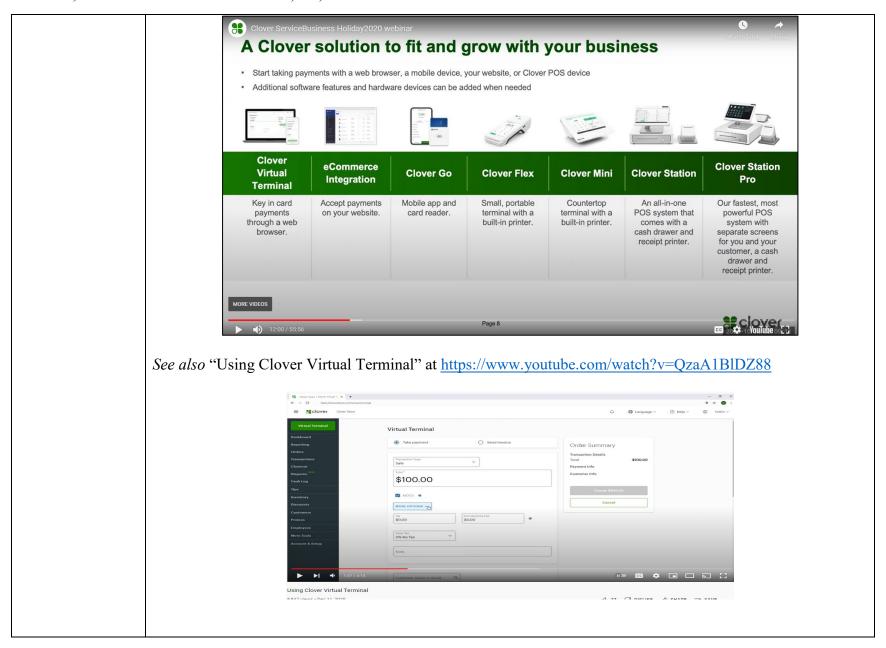
Clover POS includes one or more POS terminals generated by said POS builder software and said one or more POS terminals configured to be accessible at one or more terminal devices, said POS terminals configured to accept POS transactions and collect corresponding transaction data.

For example, Clover POS includes:



Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4



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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
a POS builder interface configured to be	Clover POS includes a POS builder interface configured to be accessible via network communication with said web server over a communications network.
accessible via network communication with said web server over a communications network;	For example, Clover POS includes network capabilities for all devices to communicate with each other in real time over a wireless or wired network.

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See also Follow best practice	e for your network at https://www.clover.com/help/use-best-practices-for-networks
	Use best practices for networks
	To properly process transactions, your network must be stable and have sufficient bandwidth. Unstable networks can cause transactions to temporarily halt, which causes
	the network connection to timeout and disconnect. Poor connections can also prevent devices from synchronizing with each other.
	Have enough bandwidth: Use a Clover
	dedicated router
	Increase bandwidth on your local network by limiting or reducing the number of non- Clover devices connected to the network. Your local network bandwidth varies based on the number of devices connected to the network and the volume of transactions they typically process.
	Set up an Ethernet connection such as
	DSL or cable, rather than a hotspot
	Use a hard-wired (Ethernet cable) high-speed Internet connection for Clover Station, Clover Station 2, and Clover Mini. This is especially helpful if you plan to use more than one Clover device or any peripheral equipment such as a kitchen printer.
	Separate Wi-Fi for guest access
	If you offer Wi-Fi access to your customers, set up two Wi-Fi networks: one for you and Clover devices, and one for guests. Having separate Wi-Fi for guests safeguards your devices and may boost device performance.
	Your guest network can have separate hours of operation that can be turned off at any time without affecting your system. You can limit the bandwidth to prevent illegal downloads and create a different password for the guest network.
	Limit the use of hotspot network
	connections
	Hotspots can limit the bandwidth required for normal Clover communication. If you plan to use a hotspot, it should be dedicated for Clover use. (Use another hotspot for other Internet needs).
	Don't use your neighbor's Wi-Fi
	Whenever possible, use your own Internet Service Provider (ISP) rather than a shared network. If you're using your neighbor's Wi-Fi solution and their Wi-Fi goes down, you can't troubleshoot the issue directly. Your signal may also be weaker if you don't have an internet source in your business' vicinity.
	Use only WPA-WPA2 protocols to
	connect Clover to a Wi-Fi network
	For added security, Clover devices are only compatible with WPA-WPA2 protocols. (They are not compatible with the WEP protocol, which is no longer supported.)

Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")	
	See also Set up your Station Pro at https://www.clover.com/help/set-up-your-station-pro/	
	The LAN Ethernet cable connects the completed assembly to your internet network.	
	See also id.	
	Connect your Station Pro to a network	
	Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.	
	If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.	
	To connect your Station Pro to a network:	
	On the Welcome screen, select your preferred language and then tap Next.	
	2 On the Network screen, choose your network type and tap Continue:	
	Ethernet networks connect with the supplied Ethernet cable.	
	Mobile networks use the installed SIM card and its cellular network connection.	
	Wi-Fi networks connect wirelessly to a router you have previously set up.	
	Wait until you see the message that the device is successfully connected and then tap Next.	

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")	
	See also Connect and activate your Station 2 at https://www.clover.com/help/set-up-your-mini	

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	Connect your Clover device to a network
	You need an internet connection to activate your device. After your device powers on, the Connect to Network screen helps get you connected.
	Connect to the network with an Ethernet cable
	Because wireless can be unreliable or spotty (which is often out of your control), we recommend connecting your Clover devices to the internet via Ethernet. This method ensures that your Clover device is connected and online even when your wireless connection is not responding.
	If your Ethernet cable is already plugged into the hub, your device automatically tries to connect to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.
	If you have problems setting up your Ethernet, learn more in the troubleshooting guide to fix your Ethernet connection problems.
	You can always connect to the Ethernet after exiting the Setup Wizard.
	To connect your device via Ethernet:
	Plug one end of your Ethernet cable into the device hub.
	Plug the other end into your modem, router, or switch. Your device will automatically try to connect to the internet. You will see Successfully Connected to Server when connected. If your device does not automatically connect,
	Tap Check Connection. If this fails, wait two minutes and tap Check Connection button again. If you receive an Error connecting to the network message:
	 Check that the router used is connected to the internet by plugging in your laptop or mobile device.
	Check that the Ethernet cable is plugged all the way into the Printer.
	Tap Check Connection. You will see Successfully Connected to Server when connected.
	Connect your Clover device to a Wi-Fi network
	To connect to a Wi-Fi network:
	Tap Configure next to the Wi-Fi option.
	From the list of available wireless networks, tap the name of your wireless network. (If your network doesn't appear, tap Add a New Network and then tap the network by name.)
	Enter the network password.
	(4) Tap Done.
	Tap Check Connection. When the connection is successful, you will be taken through the activation process. If not, you'll be asked to select a different network or re-enter the Wi-Fi password.
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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	See also Connect and activate Clover Station at https://www.clover.com/help/set-up-your-mini

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Connect your Clover device to a network
You need an internet connection to activate your device. After your device powers on, the
Connect to Network screen helps get you connected.
Connect to the network with an Ethernet cable
Because wireless can be unreliable or spotty (which is often out of your control), we recommend connecting your Clover devices to the internet via Ethernet. This method ensures that your
Clover device is connected and online even when your wireless connection is not responding.
If your Ethernet cable is already plugged into the hub, your device automatically tries to connect
to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.
If you have problems setting up your Ethernet, learn more in the troubleshooting guide to
fix your Ethernet connection problems.
You can always connect to the Ethernet after exiting the Setup Wizard.
To connect your device via Ethernet:
Plug one end of your Ethernet cable into the device hub.
Plug the other end into your modern, router, or switch.
Your device will automatically try to connect to the internet. You will see Successfully Connected to Server when connected.
rou will see successfully Conflected to betwee when connected. If your device does not automatically connect, If your device does not automatically connect, The control of the control
(3) Tap Check Connection. If this fails, wait two minutes and tap Check Connection button
again. If you receive an Error connecting to the network message:
Check that the router used is connected to the internet by plugging in your laptop or
mobile device. Check that the Ethernet cable is plugged all the way into the Printer.
Tap Check Connection.
You will see Successfully Connected to Server when connected.
Connect your Clover device to a Wi-Fi network
To connect to a Wi-Fi network:
Tap Configure next to the Wi-Fi option.
From the list of available wireless networks, tap the name of your wireless network. (If your
From the list of available wireless networks, sup the name or your wireless network. (ir your network doesn't appear, top Add a New Network and then top the network by name.)
Enter the network password.
(a) Tap Done.
Tap Check Connection.
When the connection is successful, you will be taken through the activation process. If not,
you'll be asked to select a different network or re-enter the Wi-Fi password.
A 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
★ If you do not see your Wi-Fi network name, you may have a WEP, or open access, network. Please connect your Clover device to a secured WPA or WPA2 network for
successful PCI compliance.
Follow best practices for network setup
To properly process transactions, your network must be stable and have sufficient bandwidth.
Unstable networks can cause transactions to temporarily halt, which causes the network
connection to timeout and disconnect. Poor connections can also prevent devices from synchronizing with each other.
Have enough bandwidth: Use a Clover dedicated router
Ingresse bandwidth on your local network by limiting or reducing the number of non-Clover
devices connected to the network. Your local network bandwidth varies based on the number of
devices connected to the network and the volume of transactions they typically process.
Set up an Ethernet connection such as DSL or cable, rather than a hotspot
Use a hard-wired (Ethernet cable) high-speed internet connection for Clover Station, Clover Station 2, and Clover Mini. This is especially helpful if you plan to use more than one Clover
Station 2, and Clover Mini. Inis is especially neighbor in you plan to use more than one Clover device or any peripheral equipment such as a kitchen printer.
For Wi-Fi, use only WPA-WPA2 protocols
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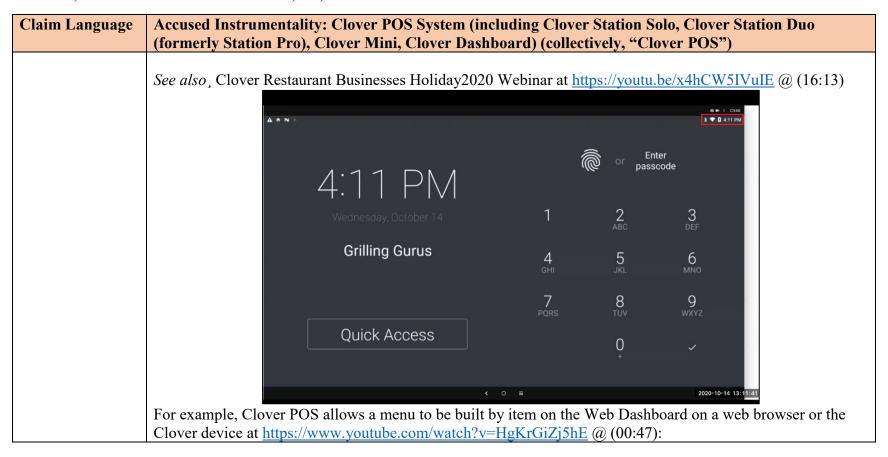
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo
	(formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	See also Connect and activate your Clover Mini at https://www.clover.com/help/set-up-your-mini

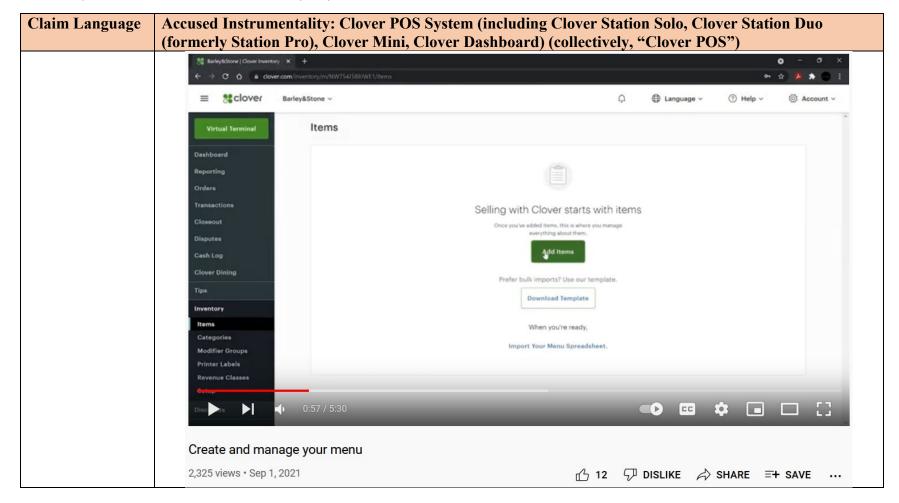
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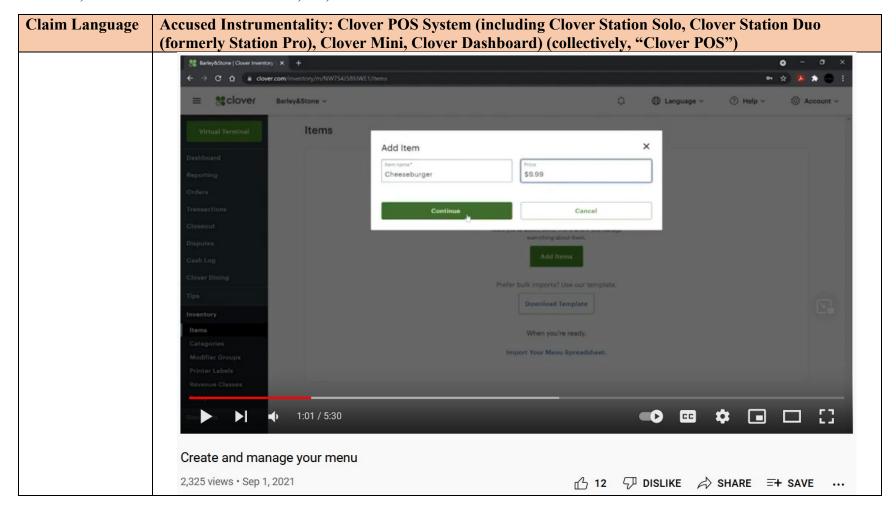
Connect your Clover device to a networ	k
You need an internet connection to activate your device. After your device powers on, the Connect to Network screen helps get you connected.	
Connect to the network with an Ethernet cable	
Because wireless can be unreliable or spotty (which is often out of your control), we recon	mend
connecting your Clover devices to the internet via Ethernet. This method ensures that you Clover device is connected and online even when your wireless connection is not respond	
If your Ethernet cable is already plugged into the hub, your device automatically tries to or to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected, follow the instructions to plug in your Ethernet is not connected.	
If you have problems setting up your Ethernet, learn more in the troubleshooting guide to fix your Ethernet connection problems.	
You can always connect to the Ethernet after exiting the Setup Wizard.	
To connect your device via Ethernet:	
Plug one end of your Ethernet cable into the device hub.	
2 Plug the other end into your modern, router, or switch.	
Your device will automatically try to connect to the internet.	
You will see Successfully Connected to Server when connected. If your device does not automatically connect,	
3 Tap Check Connection. If this fails, wait two minutes and tap Check Connection but again. If you receive an Error connecting to the network message:	on
 Check that the router used is connected to the internet by plugging in your lapt mobile device. 	op or
 Check that the Ethernet cable is plugged all the way into the Printer. 	
 Tap Check Connection. You will see Successfully Connected to Server when connected. 	
Connect your Clover device to a Wi-Fi network	
To connect to a Wi-Fi network:	
1 Tap Configure next to the Wi-Fi option.	
2 From the list of available wireless networks, tap the name of your wireless network, network doesn't appear, tap Add a New Network and then tap the network by name.	
Enter the network password.	
(a) Tap Done.	
Tap Check Connection.	
When the connection is successful, you will be taken through the activation process you'll be asked to select a different network or re-enter the Wi-Fi password.	If not,
★ If you do not see your Wi-Fi network name, you may have a WEP, or open access, network. Please connect your Clover device to a secured WPA or WPA2 network for successful PCI compliance.	
Follow best practices for network setup	
To properly process transactions, your network must be stable and have sufficient bandwin	ith.
Unstable networks can cause transactions to temporarily halt, which causes the network connection to timeout and disconnect. Poor connections can also prevent devices from	
connection to timeout and disconnect. Poor connections can also grevent devices from synchronizing with each other.	

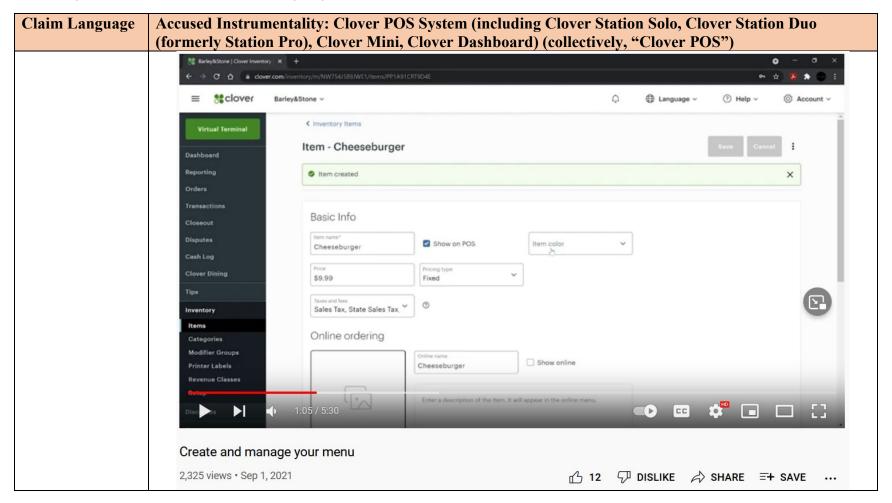
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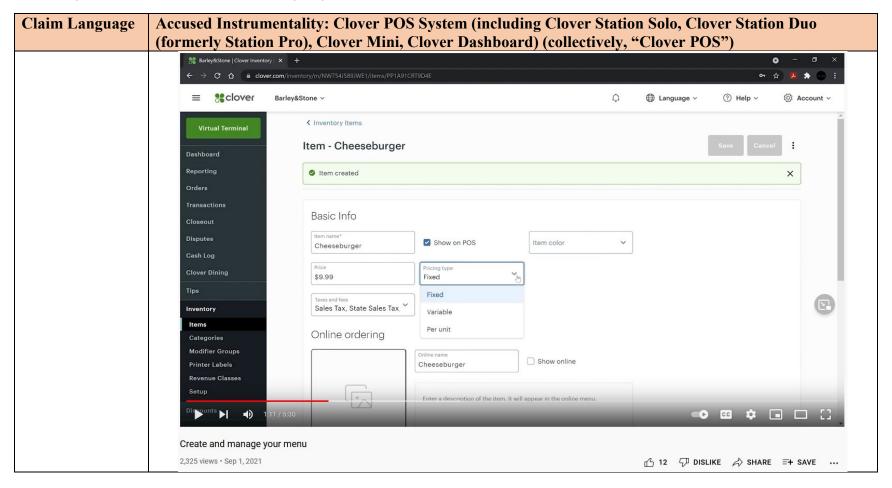
Claim Language	ge Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")	
	See also Connect your Station Pro to a Network at https://vizypay.zendesk.com/hc/en-us/articles/360052041754-Setting-up-your-Clover-Station-Pro	
	Connect your Station Pro to a network	
	Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.	
	If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.	
	To connect your Station Pro to a network:	
	1. On the Welcome screen, select your preferred language and then tap Next.	
	2. On the Network screen, choose your network type and tap Continue:Ethernet networks connect with the supplied Ethernet cable.	
	Mobile networks use the installed SIM card and its cellular network connection.	
	Wi-Fi networks connect wirelessly to a router you have previously set up.	
	3. Wait until you see the message that the device is successfully connected and then tap Next.	
	Next, activate your Station Pro.	
	Activate your Station Pro	
	Activate your Station Pro after you connect it to a network.	
	You'll need your activation code from the activation email you received from Clover.	
	To activate your Clover Station Pro:	
	 On the activation screen, enter the 8-digit code you received in your activation email from Clover Support (app@clover.com). If you've already set up your account, you can also find the code on the Web Dashboard at the top of the page after you log in. 	
	2. On the Install apps screen, wait while Clover updates the apps that come pre-installed on your system.	
	3. Select the Clover Service Plan you signed up for.	
	 (Optional) Check the boxes for any third party apps you want to use. (You can also do this later from the Web Dashboard by choosing More Tools.) You're done with activation. 	

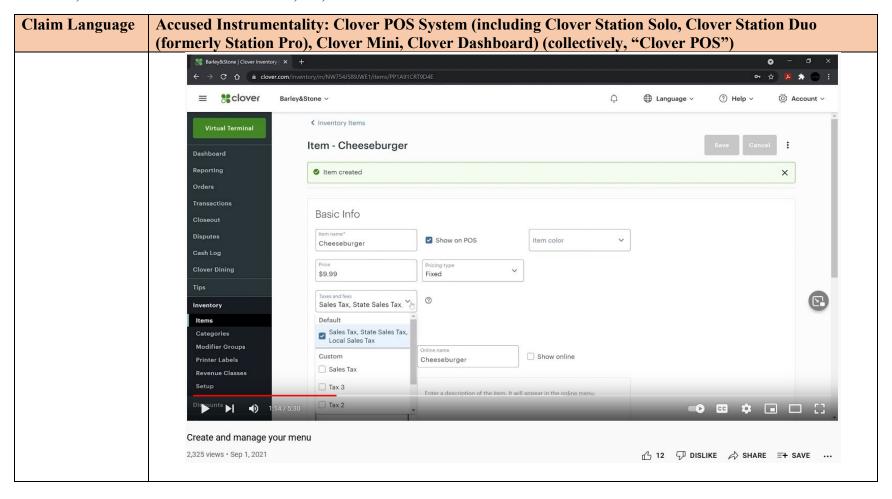












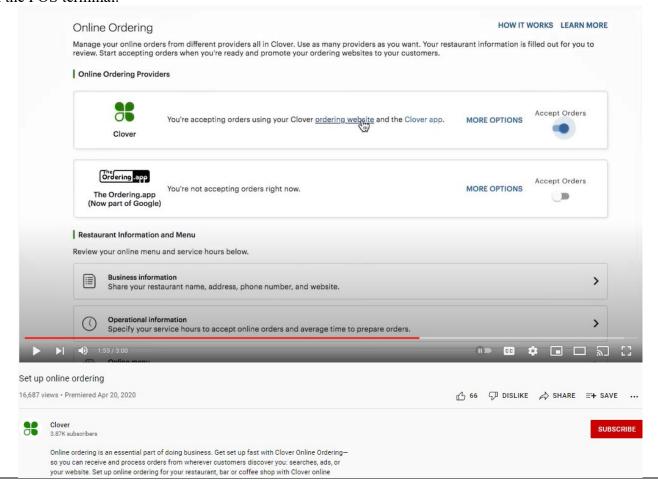
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012

wherein said POS builder interface is configured to be utilized to access said POS builder software for programmatically creating or modifying said one or more POS terminals in real time over the communications network, wherein said POS builder software is configured to interact with said one or more POS terminals over the communications network in order for the web-based point of sale (POS) builder system to perform functions in accordance with instructions sent from the POS builder interface;

Clover POS includes that said POS builder interface is configured to be utilized to access said POS builder software for programmatically creating or modifying said one or more POS terminals in real time over the communications network, wherein said POS builder software is configured to interact with said one or more POS terminals over the communications network in order for the web-based point of sale (POS) builder system to perform functions in accordance with instructions sent from the POS builder interface.

For example, Clover POS includes options to configure an online ordering service that is completely integrated with the POS terminal.



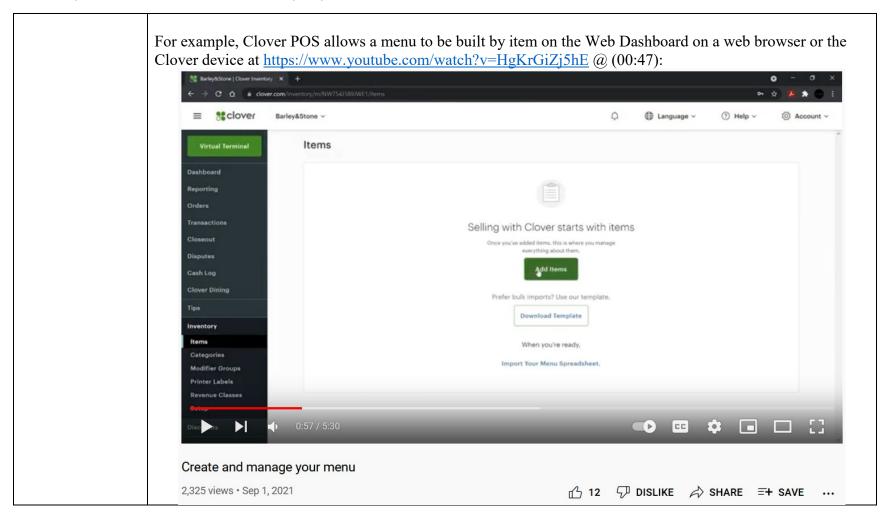
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 79 of 258

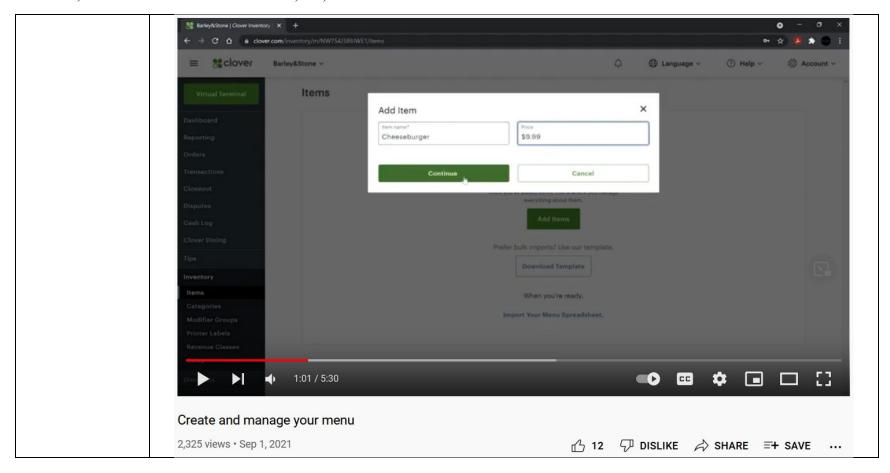
CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA

]	Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012			
	Source: https://www.youtube.com/watch?v=ME	BbUo0XIFD0		

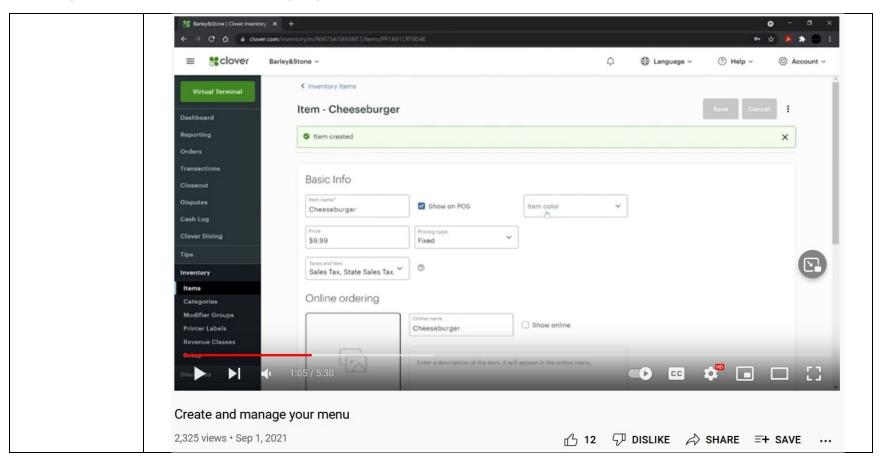
Set up online menu Click Account & Setup. The Ordering app takes your existing Clover inventory and curates it to make it into a more Under Business Operations, click Online Ordering. customer friendly online ordering menu. You'll receive an email from The Ordering.app letting you know that they're done curating your menu. Once it's done, it'll go live and customers can Click the online menu box. start placing orders. Keep in mind that it might take a few days for your new online ordering website to show on Google search and maps. Find the item you want to remove. The following items won't be included in your online ordering menu: Click the checkbox to remove the checkmark. · Alcoholic items and modifiers Click Done. Gift card items · Catering, seasonal, or fee items. Remove a category from your online menu · Happy hour or time-sensitive specials. Log in to your Clover account. · Retail items. · Items without pricing information. Select Account & Setup. You can edit your online ordering menu at any time from your Under Business Operations, select Online Ordering. Clover Web Dashboard> Setup > Online Ordering > Online Menu. These changes won't be reflected in your inventory to provide the best online ordering experience for your customers Select the Manage tab. and the best in-store experience for your servers and cashiers. Select Online Menu. Edit your online menu Log in to your Clover account. Uncheck all boxes for the items in a category. Select Account & Setup. Select Done. Under Business Operations, select Online Ordering. Edit the name of a category in your online menu Select the Manage tab. Select Online Menu. Log in to your Clover account. Select the pencil 🖍 next to the item you want to edit. You can edit the online name or Select Account & Setup. description of items or modifiers. Under Business Operations, select Online Ordering. Optional: You can choose to list an item or modifier online anyway. Click the checkbox next to the item or modifier, then click List online. Select the Manage tab. Items or modifiers that were auto removed from your online menu are grayed out. Select Online Menu. Optional: select list online anyway to list the items online. Select the pencil 🖍 next to the category name. Select Done. Edit the name of the category. To remove items or modifiers from your online menu: Select Done. Log in to the Web Dashboard.

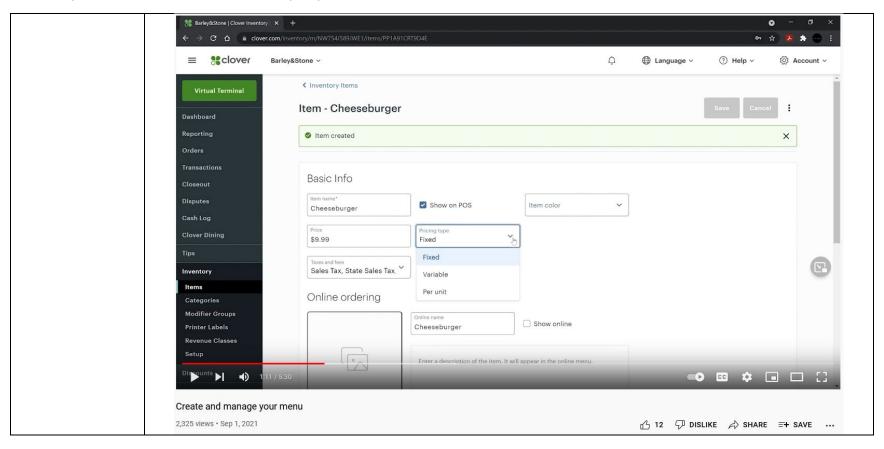
See also How to View the Smart Online Orders on the Clover Device at https://www.youtube.com/watch?v=u6hEWekBmXU

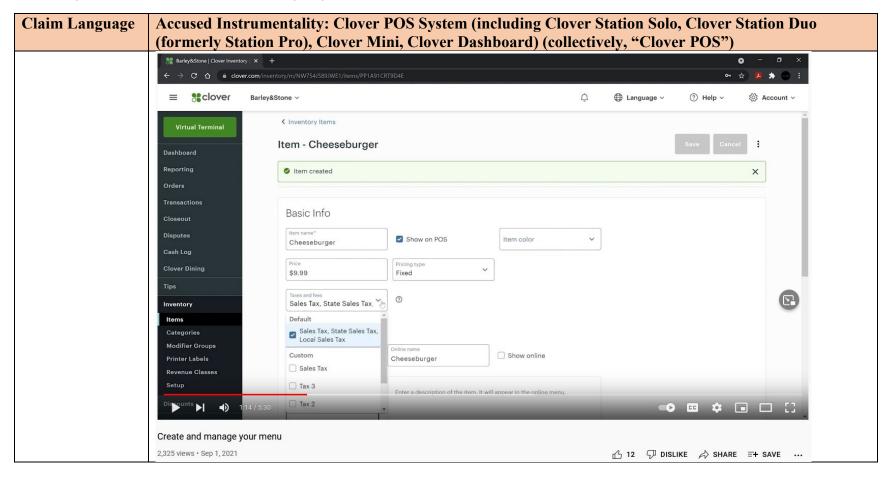




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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo	
	(formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")	
wherein said POS transactions and corresponding	Clover POS includes that said POS transactions and corresponding transaction data from said one or more POS terminals are configured to be transmitted to said web server via the communications network.	
transaction data from said one or	For example, Clover POS demonstrates the ability to change information on the POS system or the Web Dashboard in real time: Clover Retail Webinar at https://youtu.be/002k57_Q4N0	
more POS terminals are configured to be	 (25:15) Inventory on app and device: "We can adjust it on the device or we can do so online as well" (25:44) Sync: "As soon as I change the price on here it's going to sync to all my devices as well" 	
transmitted to said web server via the communications network; and	 See also Clover Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw (11:40) Real time, from anywhere: Re: restaurant floor plans, "Now likewise, I can do this from a computer. So say if I'm at home and they say 'we need this section open and y'all didn't open it, I can log into my Clover Web Dashboard on my computer or phone and edit the floor plan from my dashboard as well and it will just immediately update the systems at the restaurant." (29:45) Customization, on the main screen of the Clover device: "accessible here, things like editing your menu can be done on site by clicking on the inventory app" "very simple to adjust" (38:20) Customization, in the back office, on the Web Dashboard on a computer: "Whatever changes you make at the restaurant or from the computer, they will communicate with each other so what's nice is they synchronize within a few seconds, making things easy to keep up to date and whether you're working from home or the computer it makes it hopefully convenient." "All the tools here are available and you can access it at any given time." 	
	 See also Clover Retail Businesses Holiday2020 Webinar at https://youtu.be/X9pmUxu93Tk (27:09) "shows you how the devices can communicate with one another where I could start a sale on one device and pick it up on the other and they all sync together." (33:35) "So you can do that at home [add inventory] through the Clover Web Dashboard, but also we have the Clover App that you can download on your phone that you can adjust items there or add items from that App as well, so really from anywhere." 	

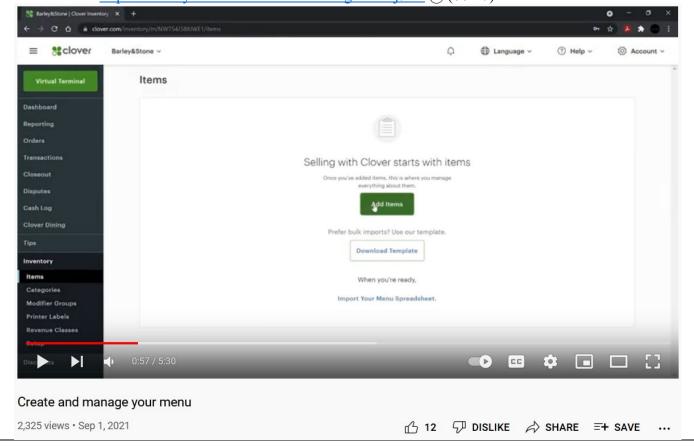
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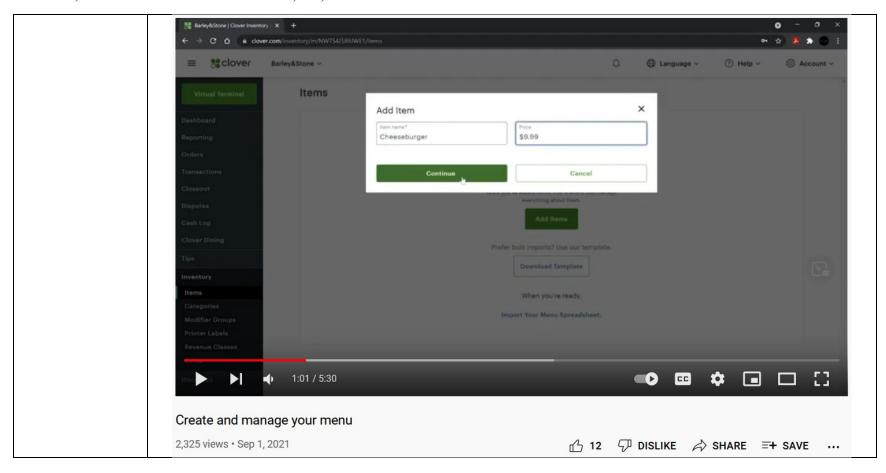
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo
	(formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
wherein each POS	Clover POS includes wherein each POS transaction is correlated with corresponding transaction data occurring
transaction is	at said one or more POS terminals.
correlated with	
corresponding	For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the
transaction data	Clover Web Dashboard with information from the POS terminals: Retail Webinar at
occurring at said	https://youtu.be/002k57_Q4N0
one or more POS	• (41:52): Item sales from all POS terminals in Dashboard
terminals.	• (47:30): changes to inventory from Web Dashboard that update immediately to all devices
	See also ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Claim 2	Transaction reports demo @ (40:00)
2. The web-based	The discussion for claim 1 is herein incorporated by reference.
point of sale	The discussion for claim 1 is herein incorporated by reference.
(POS) builder	
system of claim 1	

wherein instructions to the POS builder interface for programmatic creation and modification of the one or more POS terminals are not formatted in programming code.

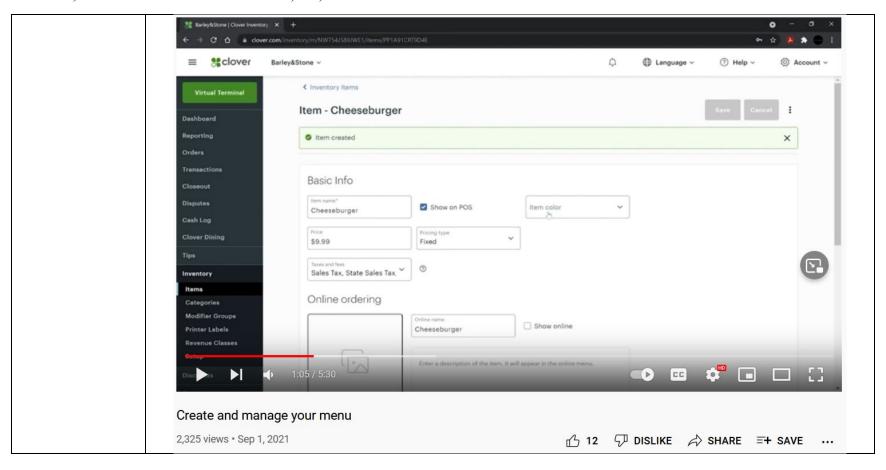
Clover POS includes wherein instructions to the POS builder interface for programmatic creation and modification of the one or more POS terminals are not formatted in programming code.

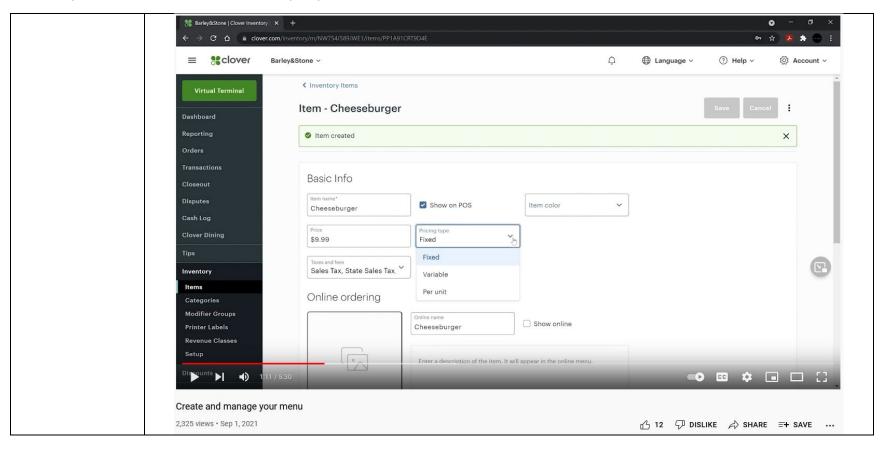
For example, Clover POS allows a menu to be built by item on the Web Dashboard on a web browser or the Clover device at https://www.youtube.com/watch?v=HgKrGiZj5hE @ (00:47):



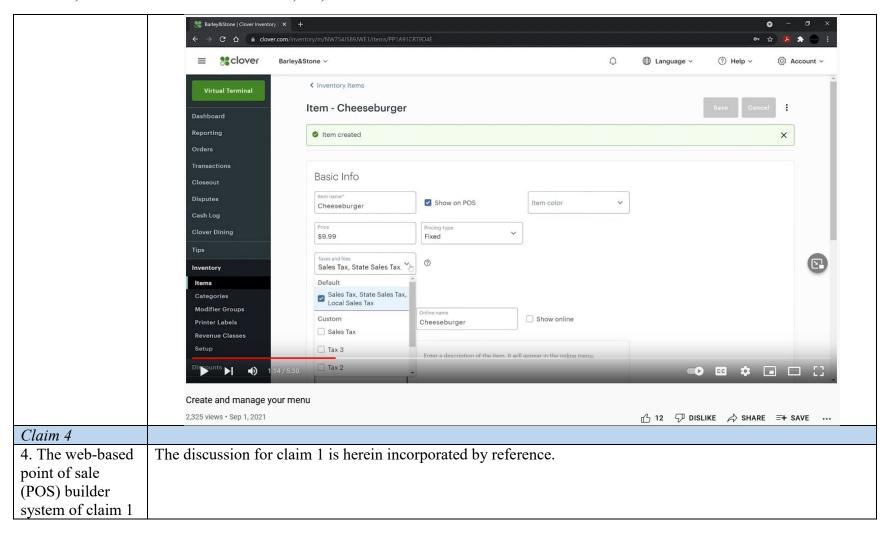


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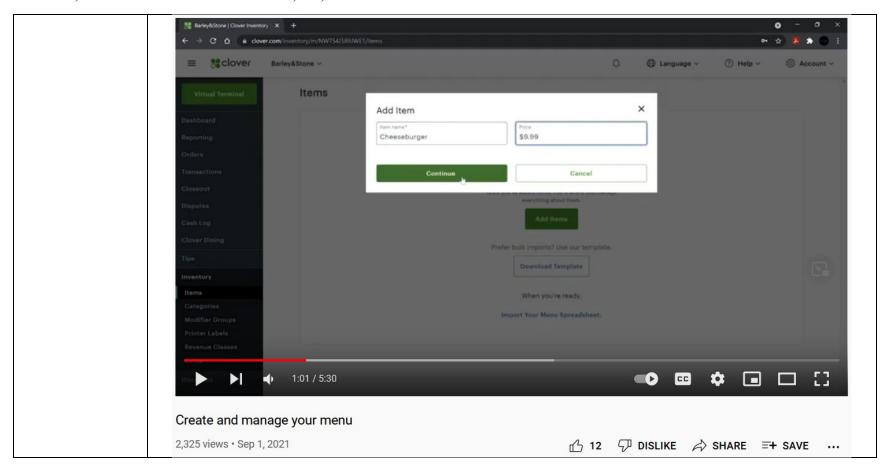
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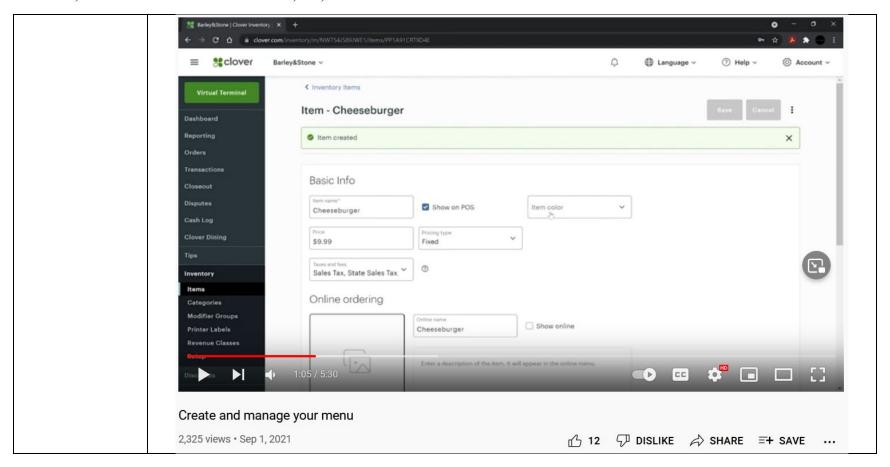


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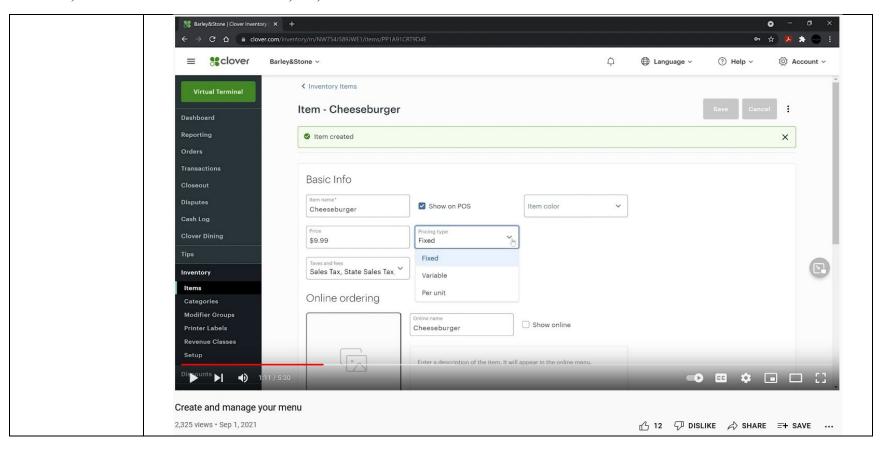
CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012

For example, Clover POS allows a menu to be built by item on the Web Dashboard on a web browser or the wherein at least one of said POS Clover device at https://www.youtube.com/watch?v=HgKrGiZj5hE @ (00:47): builder interface ## Barley&Stone | Clover Inventory X + and said one or more POS ≡ %clover Barley&Stone ∨ ⊕ Language ∨ ① Help v Account ~ terminals are Items Virtual Terminal configured to be implemented without specialized hardware or Transactions Selling with Clover starts with items Closeout software at a Once you've added items, this is where you manage given terminal device. Clover Dining Prefer bulk imports? Use our template. **Download Template** When you're ready Import Your Menu Spreadsheet M 0:57 / 5:30 Create and manage your menu 2,325 views · Sep 1, 2021 13 5 DISLIKE \$\infty\$ SHARE \$\equiv + SAVE ...

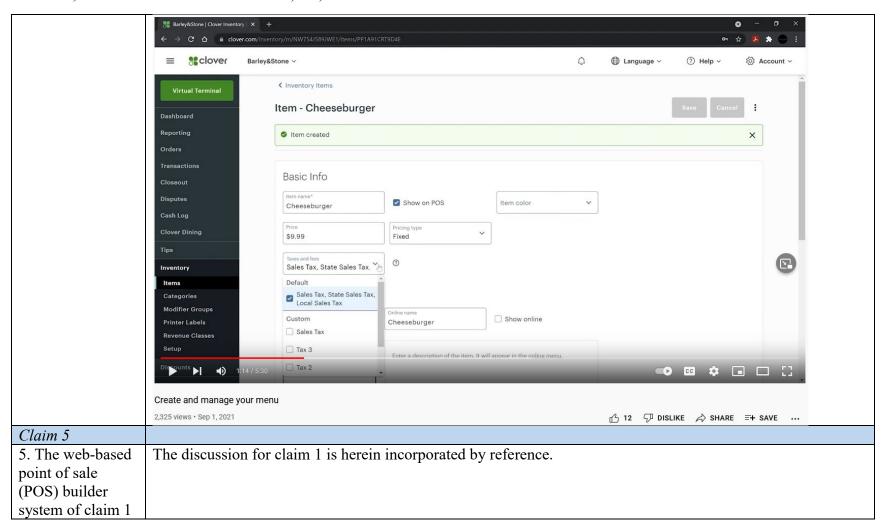




Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 96 of 258



Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 97 of 258



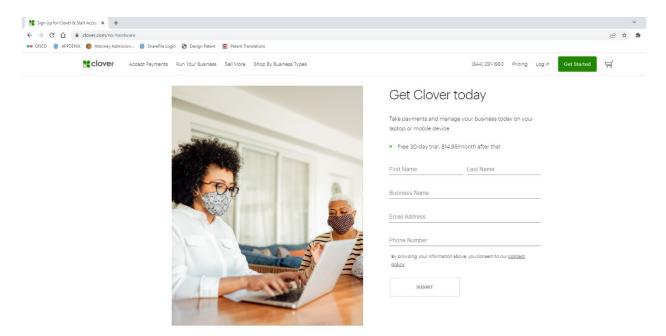
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012

wherein said web server includes a standard internet web server implemented with standard web server hardware and software, using one or more relational databases. wherein software for said POS builder interface resides in and is executed from said web server.

Clover POS includes wherein said web server includes a standard internet web server implemented with standard web server hardware and software, using one or more relational databases, wherein software for said POS builder interface resides in and is executed from said web server.

See Clover No Hardware at https://www.clover.com/no-hardware



See also Hardware store at https://www.clover.com/shop.

See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



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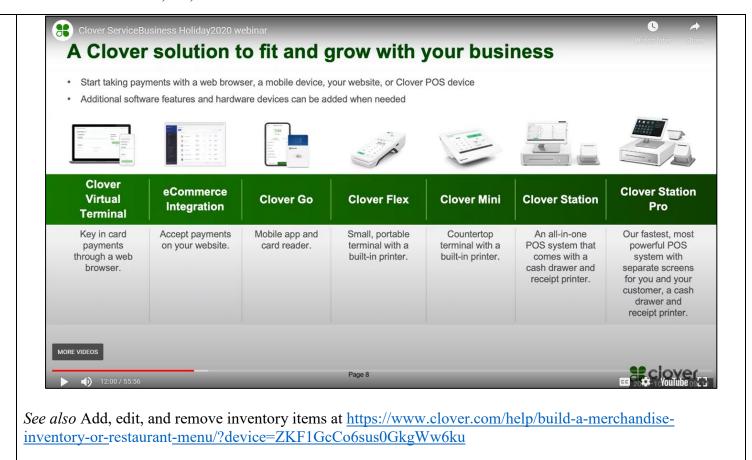


wherein said POS builder software is configured to provide instructions to add new POS terminals. See Clover Home Web Dashboard at https://www.youtube.com/watch?v=tTSSFpUhZJ8



See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4

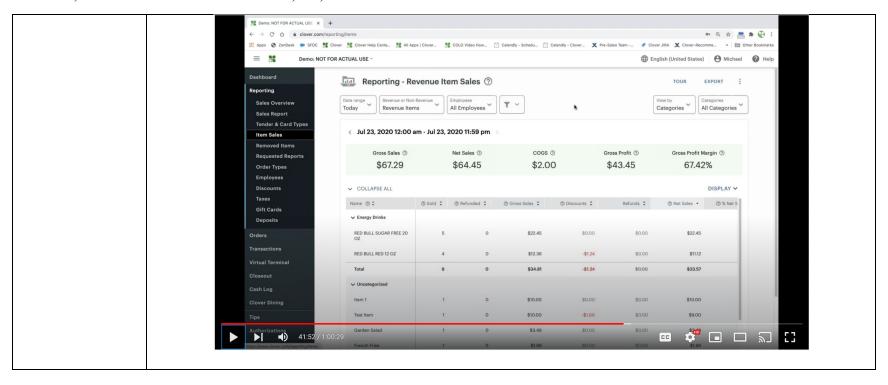
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 102 of 258



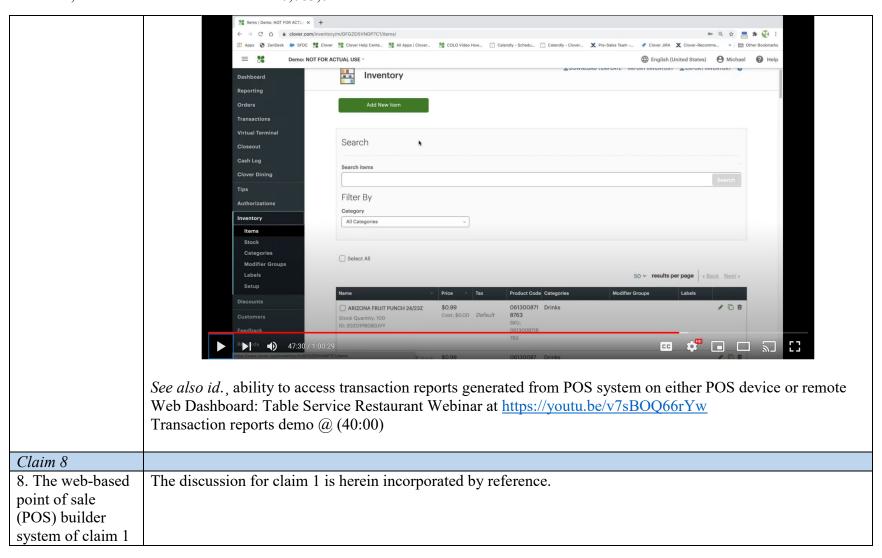
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	To add a new item on the Web Dashboard:	
	On a web browser, log in to the <u>Web Dashboard</u> .	
	2 Click Inventory.	
	3 On the Items tab, click Add New Item .	
	Click each entry field and add basic details. You can add basic details now or later. Only the item name is required.	
	5 Add optional item details by clicking Edit 🖍 for each one.	
	6 When you are done, click Save.	
	The Clover system lists your new inventory item on the Web Dashboard and shows it on every Clover device.	
Claim 7		
7. The web-based	The discussion for claim 1 is herein incorporated by reference.	
point of sale		
(POS) builder		
system of claim 1		
wherein said POS		
builder software is		
configured to	https://youtu.be/002k57_Q4N0	
provide	• (41:52): Item sales from all POS terminals in Dashboard	
instructions to	• (47:30): changes to inventory from Web Dashboard that update immediately to all devices	
modify existing		
POS terminals.		

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wherein said one Clover POS includes wherein said one or more POS terminals are configured to be accessible by a web or more POS browser. terminals are configured to be For example Clover's Shop Webpage includes wherein said POS screens are viewable in real-time at remote accessible by a locations where POS terminals can be accessed by web browser: web browser. **#clover** Ä A dashboard with everything you need Not sure what you need and when? Start with the Clover dashboard. Enjoy the benefits of our same robust POS system without committing to hardware. Take payments, track sales and inventory, sell in person, on the phone, and online-run your business from See also Clover POS Systems (source: https://www.clover.com/pos-systems): "Clover's point-of-sale software syncs with the cloud, so you can access your sales, refunds, deposits, and reports, wherever you are or need to be."

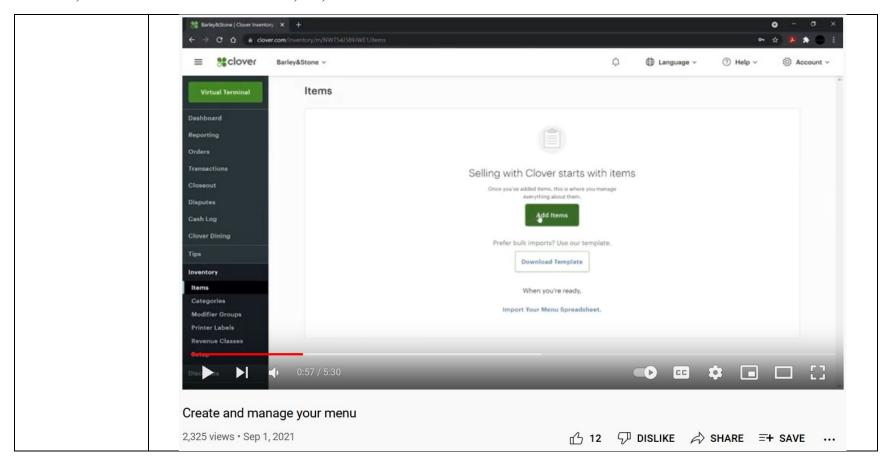
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	ACCESSIBLE FROM ANYWHERE
Claim 9	
9. The web-based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorporated by reference.

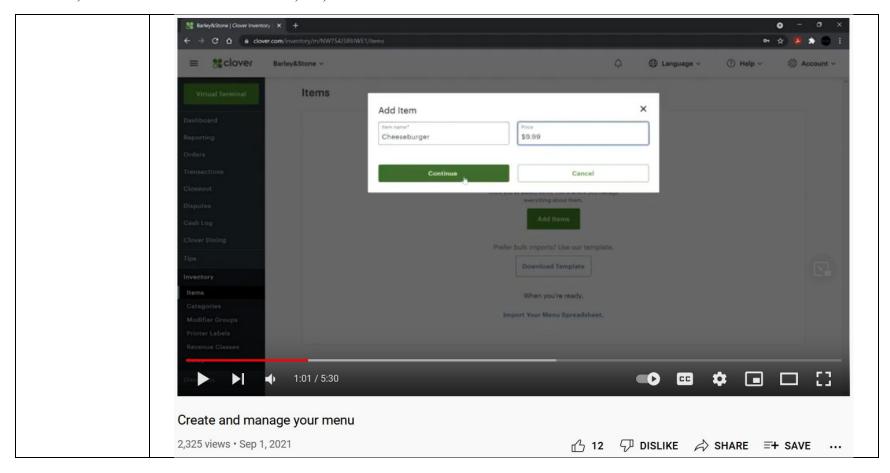
wherein said one or more POS terminals, once generated, are configured to operate	On information and belief, Clover POS includes wherein said one or more POS terminals, once generated, are configured to operate independently of said web server. For example, Set up offline payments (source: https://www.clover.com/help/set-up-offline-payments):
independently of	Region Clover Help x + →
said web server.	← → C ↑ clover.com/help/set-up-offline-payments
	Set up offline payments
	You can continue to take payments when you're not connected to the internet by turning on the Offline Payments option. Payments are processed as soon as you're back online and logged in.
	Set up offline payments
	The offline payments option is device specific. If you use more than one Clover device, you can enable or disable the option on each device you use. When enabled, devices can take offline payments for up to 7 days.
	The offline payments options is enabled by default for:
	Clover Station
	Station 2
	Clover Mini
	• Flex
	Mobile
Claim 10	
10. The web- based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorporated by reference.

wherein a number, shape and arrangement of selection keys or buttons for said one or more POS terminals are specified from the	On information and belief, Clover POS includes wherein a number, shape and arrangement of selection keys or buttons for said one or more POS terminals are specified from the POS builder interface. For example, Clover POS System (source: https://www.clover.com/pos-systems): Manage your orders				
POS builder	Register Q. Scan barcode or search ORDERS + Q :		 Made to order 		
interface.	Dusty's Dine-in (#7)	DE DI SESICII DINDENS T C .	- Made to order		
	Banana Split x1 \$10.00	Salads	Take orders for in-house, pickup, or		
	Small Chocolate syrup \$2.00 Entrees	Burgers	delivery.		
	Burger x1 \$8.75 Cheese \$.50 Lettuce and tomato \$.50	Pasta			
	Cherry soda x1 \$1.25	Soft Drinks	 No order is too complicated 		
	Subtotal \$23.00	Cakes			
	Tax \$2.30	Soup	Open tabs, split bills, and combine		
	Total \$25.30	Appetizers	multiple orders easier.		
	Save Pay	□ Christine 🙆	 Drill down into the details Ring up and track item level sales, discounts, taxes, and more. 		
Claim 11					
11. The web-	The discussion for claim 10 is her	rein incorporated by refe	rence.		
based point of sale		1 7			
(POS) builder					
system of claim 1					
wherein items are					
associated with					
said selection	For example, Clover POS allows a menu to be built by item on the Web Dashboard on a web browser or the				
keys or buttons	Clover device at https://www.youtube.com/watch?v=HgKrGiZj5hE @ (00:47):				
from the POS					
builder interface.					

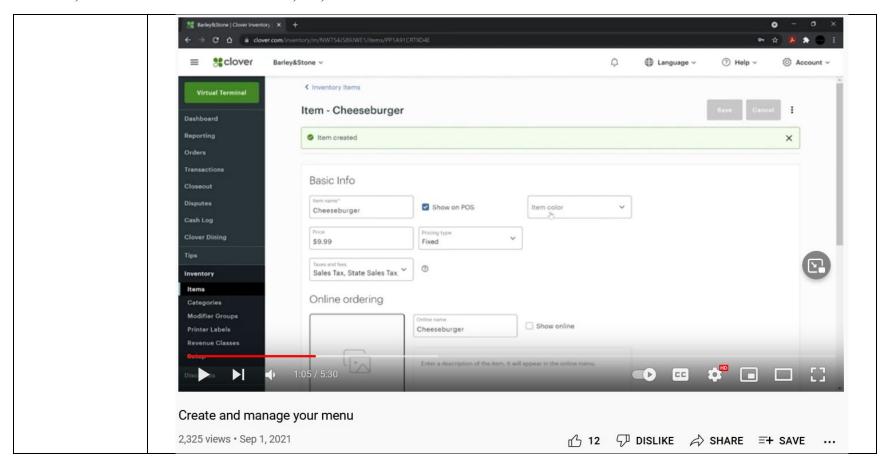
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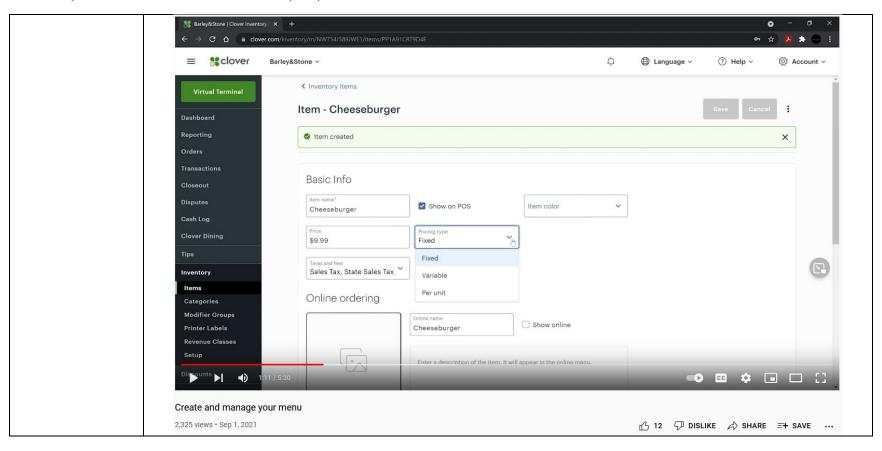
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 111 of 258



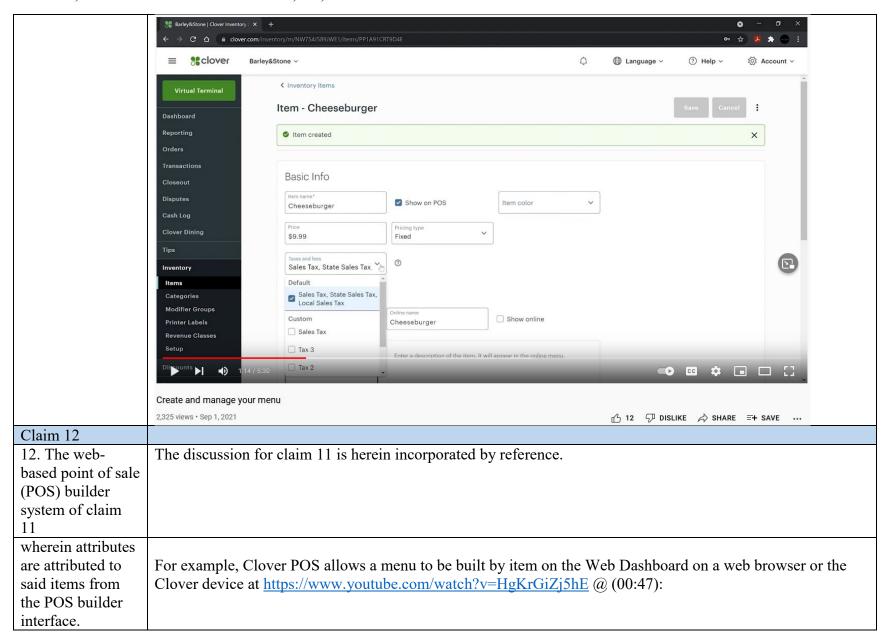
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 112 of 258



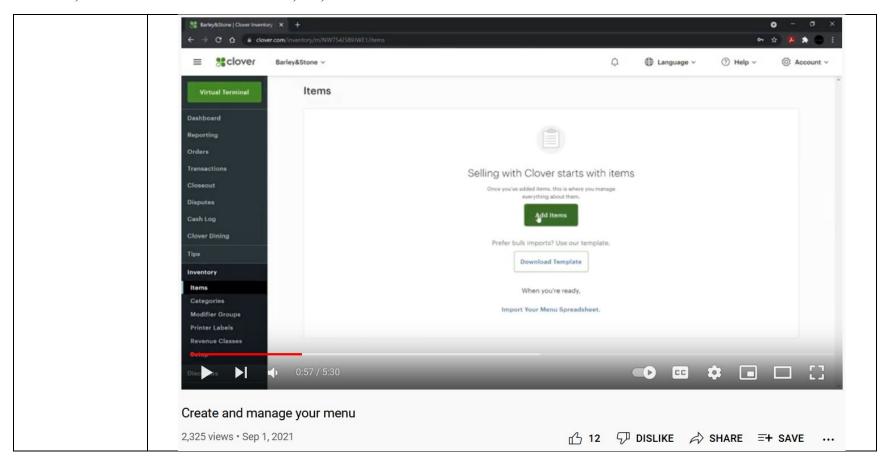
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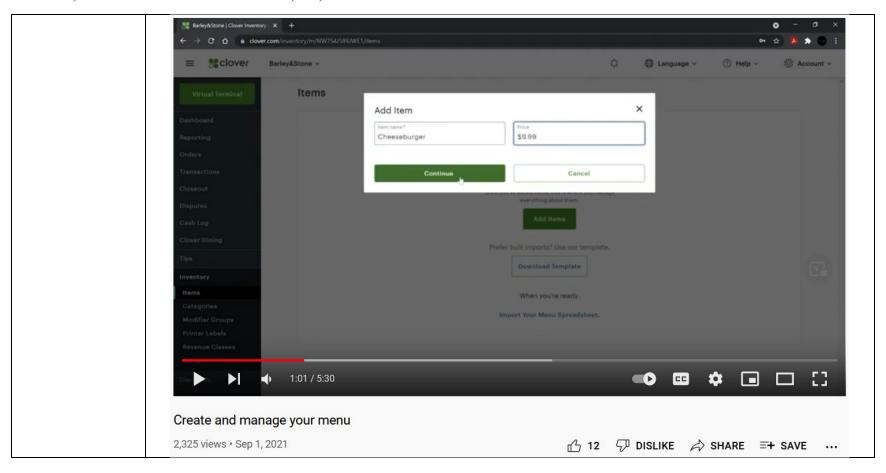
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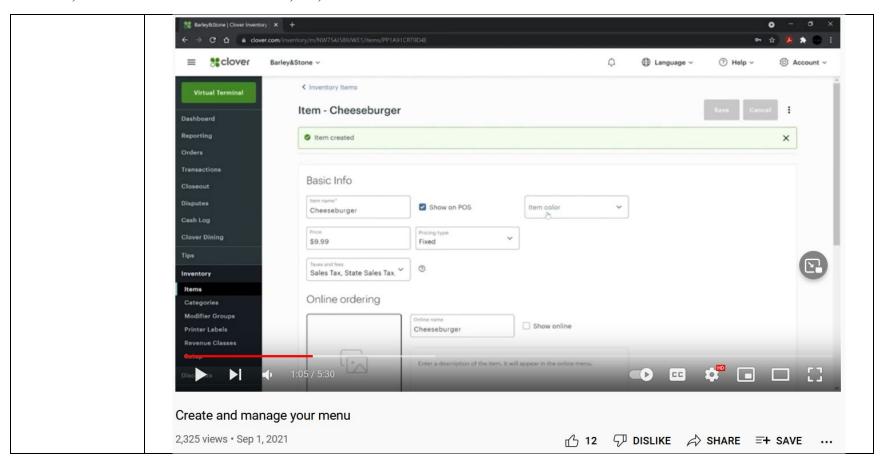
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 115 of 258



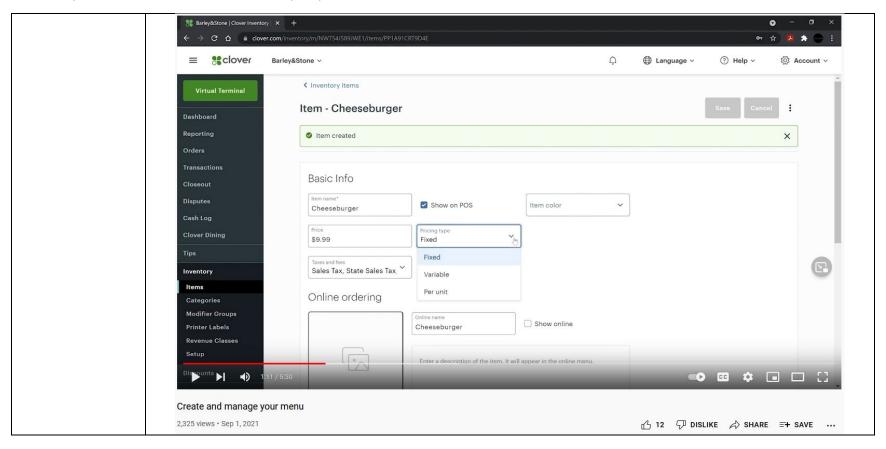
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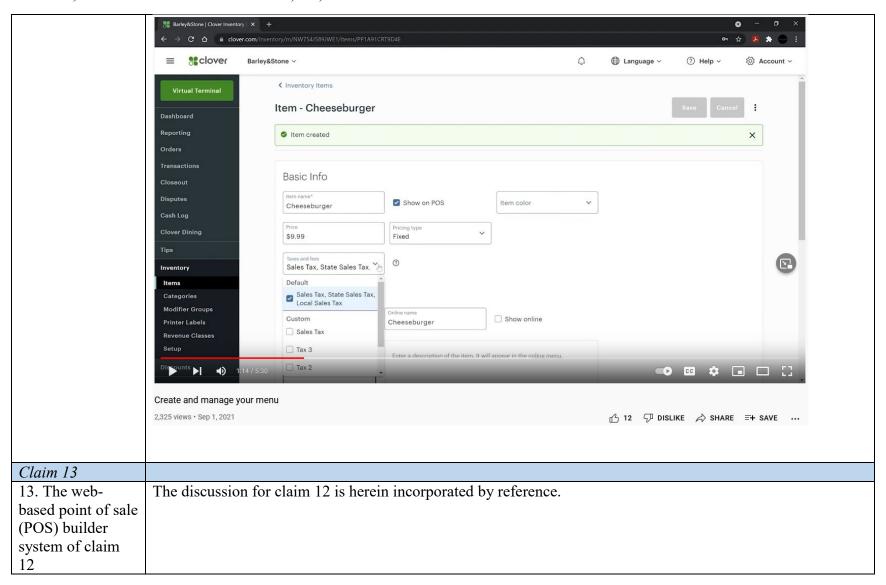
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 117 of 258



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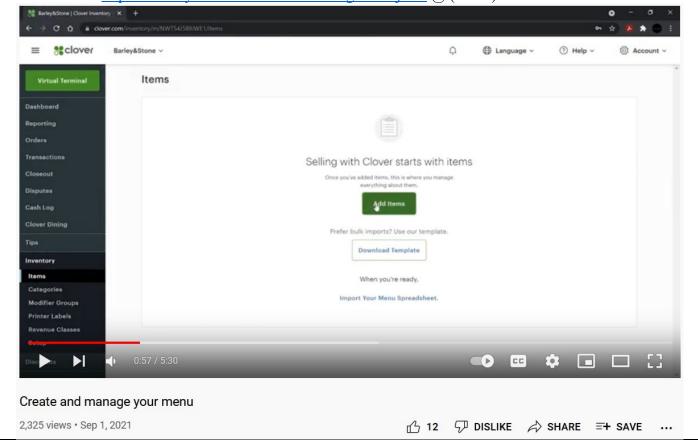


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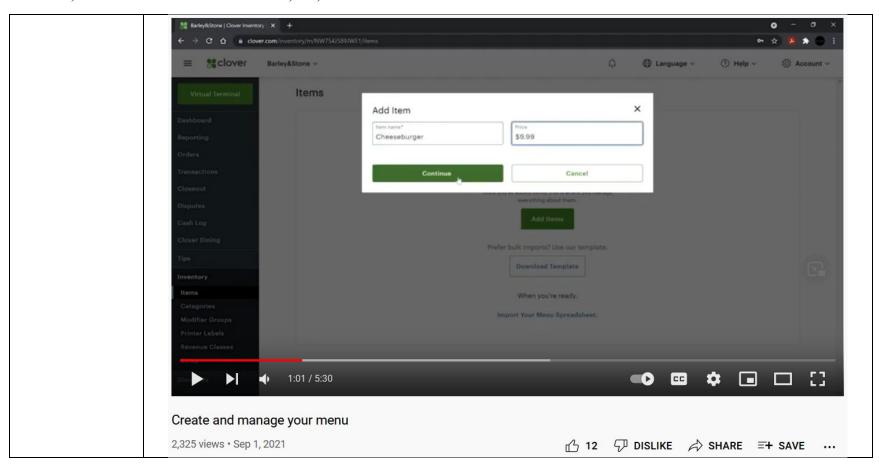
CloudofChange, LLC v. Clover Network Inc., Case No.: 6:22-CV-634-ADA Exhibit B, Claim Chart for U.S. Pat. No. 10,083,012

wherein said attributes are stored, retrievable and changeable from a database stored on said web server.

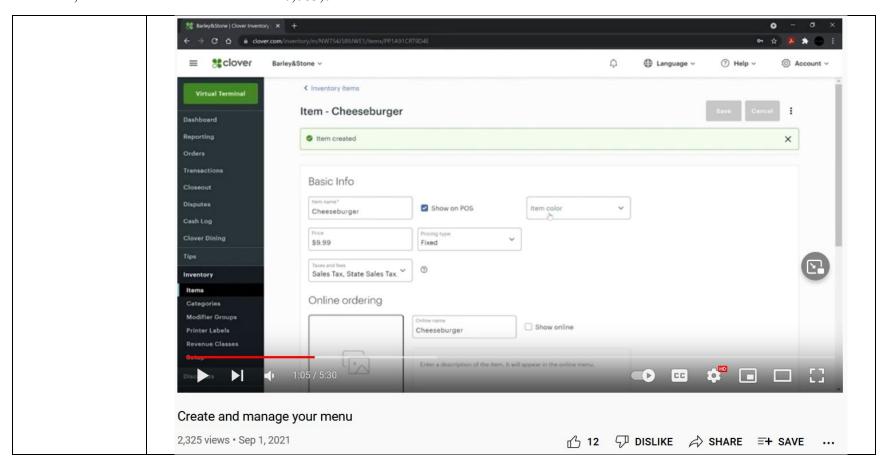
For example, Clover POS allows a menu to be built by item on the Web Dashboard on a web browser or the Clover device at https://www.youtube.com/watch?v=HgKrGiZj5hE @ (00:47):



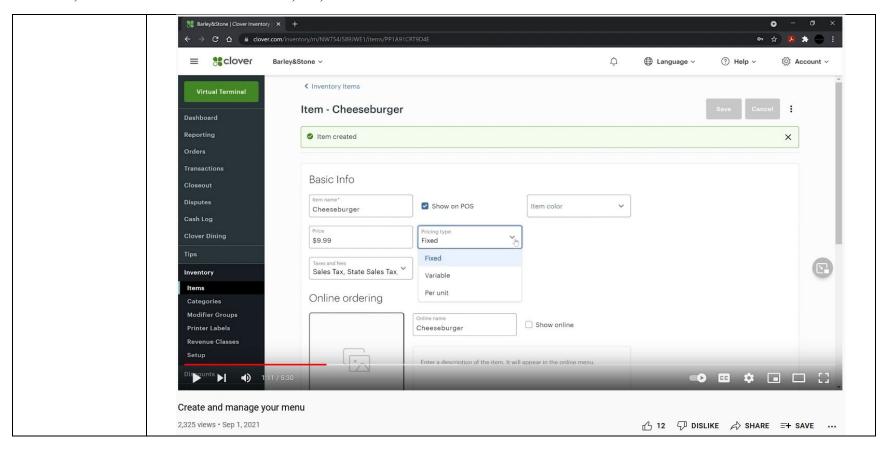
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 121 of 258



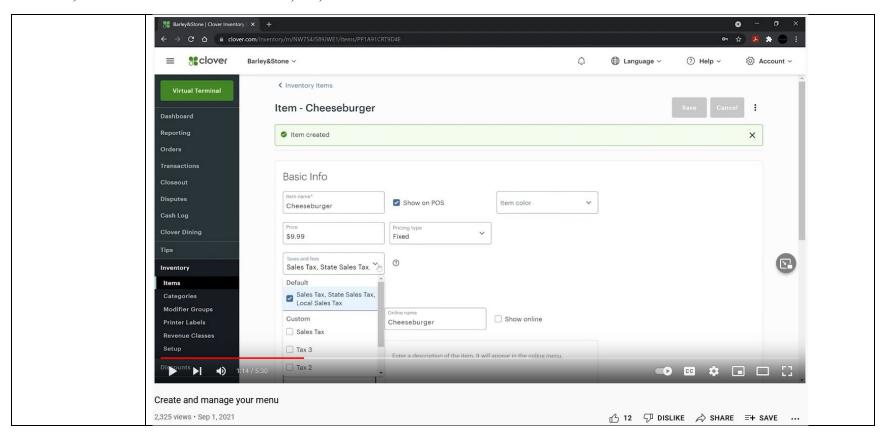
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Exhibit C

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Exhibit C - Preliminary Infringement Chart for U.S. Patent No. 11,226,793

- 1. <u>Clover POS System</u> Clover, Available at https://www.clover.com/pos-systems
 - a. Retrieved: June 12, 2022.
- 2. Clover Home Web Dashboard Overview Clover, Available at https://www.youtube.com/watch?v=tTSSFpUhZJ8
 - a. Retrieved: June 12, 2022
- 3. <u>Clover Shop</u> Clover, Available at https://www.clover.com/shop
 - a. Last visited on June 12, 2022.
- 4. <u>Set up your Station Pro</u> Clover, Available at https://www.clover.com/help/set-up-your-station-pro/
 - a. Retrieved: June 12, 2022
- 5. Connect and activate your Station 2 Clover, Available at https://www.clover.com/help/set-up-your-mini
 - a. Retrieved: June 12, 2022
- 6. Fix Network Connections Clover, Available at https://www.clover.com/help/fix-network-connections
 - a. Retrieved: June 12, 2022
- 7. <u>Business Tracking Reports</u> Clover, Available at https://fortunepayments.com/clover-pos-business-tracking-reporting/
 - a. Retrieved: June 12, 2022
- 8. <u>Table Service</u> Clover, Available at https://www.clover.com/pos-solutions/restaurant
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- 11. <u>Using Clover Web Dashboard</u> Clover, Available at https://www.youtube.com/watch?v=xHiR9E3Awoc
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- 12. <u>Clover Counter Service</u> Clover, Available at https://nationalbankcard.com/business-types/counter-service-restaurants/
 - a. Retrieved: September 29, 2022
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- 14. <u>Clover POS Shop</u> Clover, Available at https://www.youtube.com/watch?v=JBly5KZhv5A
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- a. Retrieved: On or before June 12, 2022
- 16. <u>Manually Manage Item Availability</u> Clover, at Available at https://www.clover.com/en-US/help/manually-manage-item-availability</u>
 - a. Retrieved: September 29, 2022
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 - a. Retrieved: September 29, 2022
- 21. Clover Table Service Restaurant Webinar Clover, Available at https://youtu.be/v7sBOQ66rYw
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- 24. POS Pricing Clover, Available at https://tech.co/pos-system/clover-pos-pricing
 - a. Retrieved: September 29, 2022
- 25. <u>Clover Asset Service Plans</u> Clover, Available at https://assets.ctfassets.net/3mu3dzx76r6a/34mDu5cGPXZo4LLIxADf8I/4ec87289d71c6fc8ee6c87af067739b9/Clover service plans 6 23 2020.pdf
 - a. Retrieved: September 29, 2022
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- 27. <u>Create and Manage Your Menu</u> Clover, Available at https://www.youtube.com/watch?v=HgKrGiZj5hE
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- 29. Network Best Practice Clover, Available at https://www.clover.com/help/use-best-practices-for-networks
 - a. Retrieved: June 12, 2022
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

31. <u>Service Holiday Webinar</u> – Clover, Available at https://www.youtube.com/watch?v=XU1Gnk2BLn4

a. Retrieved: June 12, 2022

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
Claim 1			
1. A web-based	CloudofChange asserts that the preamble is not limiting. To the extent that the preamble is construed as limiting,		
point of sale	Clover POS includes a web-based point of sale (POS) builder system.		
(POS) builder			
system	For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your		
comprising:	siness. Build the system you need now, and expand as you grow with devices apps, and accessories." Source:		
	https://www.clover.com/pos-systems		
	See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software sync with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.		
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8		
	# clover		
	Introduction to the Web Dashboard		
	► M • Carl now to claim your free Clover POS 866•929-20 🗊 🗆 🖸		
	Clover Home Web Dashboard Overview - Demo of the Clover Point of Sale Dashboard 1,048 views - Nov 29, 2017 インフ DISLIKE よか SHARE 三+ SAVE ・・・		
L	1.048 views · Nov 29, 2017 <u>£</u> 1 ⊊ DISLIKE ♣ SHARE =+ SAVE		

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

at least one server configured to: communicate with one or more POS terminals over a network comprising the Internet, Clover POS includes at least one server configured to: communicate with one or more POS terminals over a network comprising the Internet.

For example, Clover POS includes network capabilities for all devices to communicate with each other in real time over a wireless or wired network.

See also Set up your Station Pro at https://www.clover.com/help/set-up-your-station-pro/



The LAN Ethernet cable connects the completed assembly to your internet network.

See also id.

Connect your Station Pro to a network

Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.

If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.

To connect your Station Pro to a network:

- 1 On the Welcome screen, select your preferred language and then tap Next.
- (2) On the Network screen, choose your network type and tap Continue:
 - · Ethernet networks connect with the supplied Ethernet cable.
 - . Mobile networks use the installed SIM card and its cellular network connection.
 - . Wi-Fi networks connect wirelessly to a router you have previously set up.
- 3 Wait until you see the message that the device is successfully connected and then tap

See also Follow best practice for your network at https://www.clover.com/help/use-best-practices-for-networks

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Use best practices for networks

To properly process transactions, your network must be stable and have sufficient bandwidth. Unstable networks can cause transactions to temporarily halt, which causes the network connection to timeout and disconnect. Poor connections can also prevent devices from synchronizing with each other.

Have enough bandwidth: Use a Clover dedicated router

Increase bandwidth on your local network by limiting or reducing the number of non-Clover devices connected to the network. Your local network bandwidth varies based on the number of devices connected to the network and the volume of transactions they typically process.

Set up an Ethernet connection such as DSL or cable, rather than a hotspot

Use a hard-wired (Ethernet cable) high-speed Internet connection for Clover Station, Clover Station 2, and Clover Mini. This is especially helpful if you plan to use more than one Clover device or any peripheral equipment such as a kitchen printer.

Separate Wi-Fi for guest access

If you offer Wi-Fi access to your customers, set up two Wi-Fi networks: one for you and Clower devices, and one for guests. Having separate Wi-Fi for guests safeguards your devices and may boost device performance.

Your guest network can have separate hours of operation that can be turned off at any time without affecting your system. You can limit the bandwidth to prevent illegal downloads and create a different password for the guest network.

Limit the use of hotspot network connections

Hotspots can limit the bandwidth required for normal Clover communication. If you plan to use a hotspot, it should be dedicated for Clover use. (Use another hotspot for other internet needs).

Don't use your neighbor's Wi-Fi

Whenever possible, use your own Internet Service Provider (ISP) rather than a shared network. If you're using your neighbor's Wi-Fi solution and their Wi-Fi goes down, you can't troubleshoot the issue directly. Your signal may also be weaker if you don't have an internet source in your business' vicinity.

Use only WPA-WPA2 protocols to connect Clover to a Wi-Fi network

For added security, Clover devices are only compatible with WPA-WPA2 protocols. (They are not compatible with the WEP protocol, which is no longer supported.)

See also Connect and activate your Station 2 at https://www.clover.com/help/set-up-your-mini

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	Connect your Clover device to a network
	You need an internet connection to activate your device. After your device powers on, the Connect to Network screen helps get you connected.
	Connect to the network with an Ethernet cable
	Because wireless can be unreliable or spotty (which is often out of your control), we recommend connecting your Clover devices to the internet via Ethernet. This method ensures that your Clover device is connected and online even when your wireless connection is not responding.
	If your Ethernet cable is already plugged into the hub, your device automatically tries to connect to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.
	If you have problems setting up your Ethernet, learn more in the troubleshooting guide to fix your Ethernet connection problems.
	You can always connect to the Ethernet after exiting the Setup Wizard.
	To connect your device via Ethernet:
	Plug one end of your Ethernet cable into the device hub.
	Plug the other end into your modem, router, or switch. Your device will automatically try to connect to the internet. You will see Successfully Connected to Server when connected. If your device does not automatically connect,
	3 Tap Check Connection. If this fails, wait two minutes and tap Check Connection button again. If you receive an Error connecting to the network message:
	 Check that the router used is connected to the internet by plugging in your laptop or mobile device.
	Check that the Ethernet cable is plugged all the way into the Printer.
	Tap Check Connection. You will see Successfully Connected to Server when connected.
	Connect your Clover device to a Wi-Fi network
	To connect to a Wi-Fi network:
	1 Tap Configure next to the Wi-Fi option.
	From the list of available wireless networks, tap the name of your wireless network. (If your network doesn't appear, tap Add a New Network and then tap the network by name.)
	Enter the network password.
	4 Tap Done.
	Tap Check Connection. When the connection is successful, you will be taken through the activation process. If not, you'll be asked to select a different network or re-enter the Wi-Fi password.
See also Connect and acti	ivate Clover Station at https://www.clover.com/help/set-up-your-mini

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Connect your Clover device to a network You need an internet connection to activate your device. After your device powers on, the Connect to Network soreen helps get you connected. Connect to the network with an Ethernet cable Because wireless can be unreliable or spotty (which is often out of your control), we recommend	
Connect to Network soreen helps get you connected. Connect to the network with an Ethernet cable	
Connect to the network with an Ethernet cable	
secause wireas can be arriented or systy (within a soften out or your outmon), we recommend connecting your Clover devices to the internet will Ethernet. This method ensures that your Clover device is connected and online even when your wireless connection is not responding.	
If your Ethernet cable is already plugged into the hub, your device automatically tries to connect to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.	
If you have problems setting up your Ethernet, learn more in the troubleshooting guide to fix your Ethernet connection problems.	
16 You can always connect to the Ethernet after exiting the Setup Wizard.	
To connect your device via Ethernet:	
Plug one end of your Ethernet cable into the device hub.	
Plug the other end into your modem, router, or switch.	
Your device will automatically try to connect to the internet. You will see Successfully Connected to Server when connected.	
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3 Enter the network password.	
Tap Done.	
Tap Check Connection. When the connection is successful, you will be taken through the activation process. If not,	
you'll be asked to select a different network or re-enter the Wi-Fi password.	
★ If you do not see your Wi-Fi network name, you may have a WEP, or open access, network. Please connect your Clover device to a secured WPA or WPA2 network for successful PCI compliance.	
Follow best practices for network setup	
To properly process transactions, your network must be stable and have sufficient bandwidth. Unstable networks can cause transactions to temporarily halt, which causes the network connection to timeout and disconnect. Poor connections can also prevent devices from synchronizing with each other.	
Have enough bandwidth: Use a Clover dedicated router	
Increase bandwidth on your local network by limiting or reducing the number of non-Clover devices connected to the network. Your local network bandwidth varies based on the number of devices connected to the network and the volume of transactions they typically process.	
Set up an Ethernet connection such as DSL or cable, rather than a hotspot	
Use a hard-wired (Ethernet cable) high-speed internet connection for Clover Station, Clover Station 2, and Clover Minil. This is especially helpful if you plan to use more than one Clover device or any peripheral equipment such as a kitchen printer.	
For Wi-Fi, use only WPA-WPA2 protocols	

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

See also Connect and activate your Clover Mini at https://www.clover.com/help/set-up-your-mini

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	synchronizing with each other.	

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

See also Connect your Station Pro to a Network https://vizypay.zendesk.com/hc/en-us/articles/360052041754-Setting-up-your-Clover-Station-Pro

Connect your Station Pro to a network

Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.

If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.

To connect your Station Pro to a network:

- 1. On the Welcome screen, select your preferred language and then tap Next.
- 2. On the Network screen, choose your network type and tap Continue:
- Ethernet networks connect with the supplied Ethernet cable.
- . Mobile networks use the installed SIM card and its cellular network connection.
- . Wi-Fi networks connect wirelessly to a router you have previously set up.
- 3. Wait until you see the message that the device is successfully connected and then tap Next.

Next, activate your Station Pro.

Activate your Station Pro

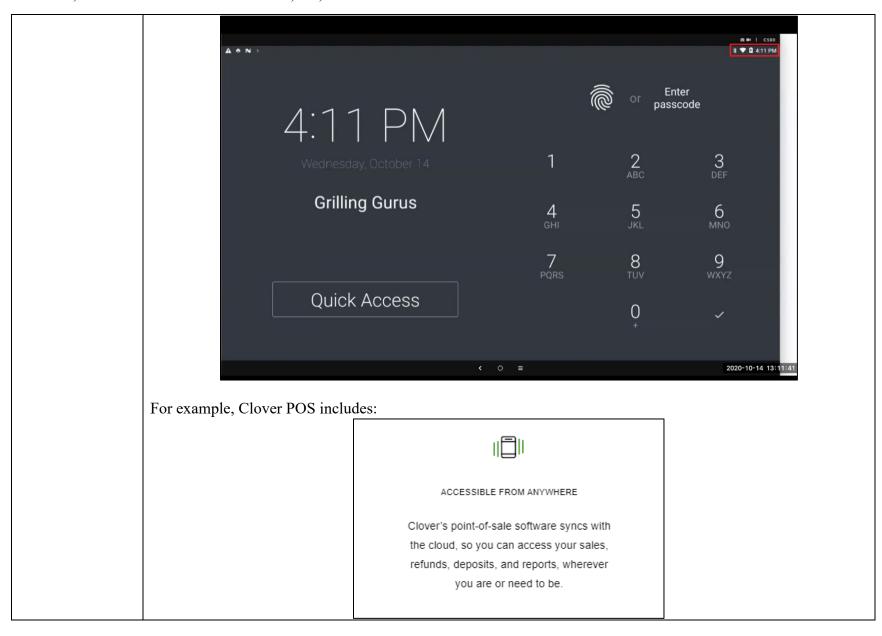
Activate your Station Pro after you connect it to a network.

You'll need your activation code from the activation email you received from Clover.

To activate your Clover Station Pro:

- On the activation screen, enter the 8-digit code you received in your activation email from Clover Support
 (app@clover.com). If you've already set up your account, you can also find the code on the Web Dashboard at
 the top of the page after you log in.
- 2. On the Install apps screen, wait while Clover updates the apps that come pre-installed on your system.
- 3. Select the Clover Service Plan you signed up for.
- 4. (Optional) Check the boxes for any third party apps you want to use. (You can also do this later from the Web Dashboard by choosing **More Tools**.) You're done with activation.

See also, Clover Restaurant Businesses Holiday 2020 Webinar at https://youtu.be/x4hCW5IVuIE @ (16:13)



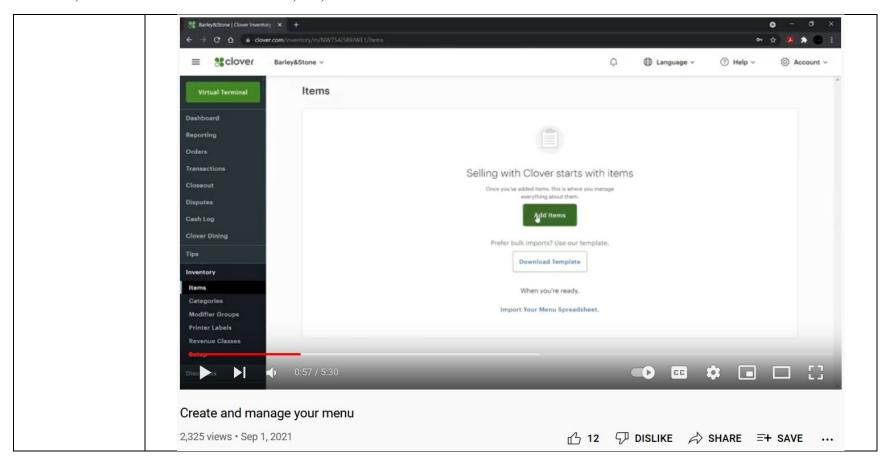
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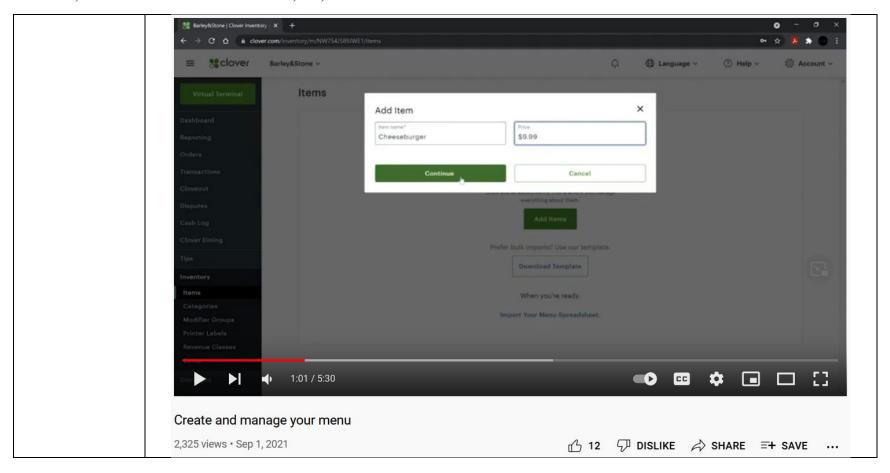
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Source: https://www.clover.com/pos-systems. See also Clover Web Dashboard log in site at https://www.clover.com/dashboard/login See also Clover Web Dashboard at Clover Help Center: https://www.clover.com/pos-systems Virtual Terminal for payments anywhere, anytime Accept payments anywhere with your computer, tablet, or smartphone without a POS device. Fire up Virtual Terminal right on your Clover Web Dashboard, 24/7. VIRTUAL TERMINAL See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8

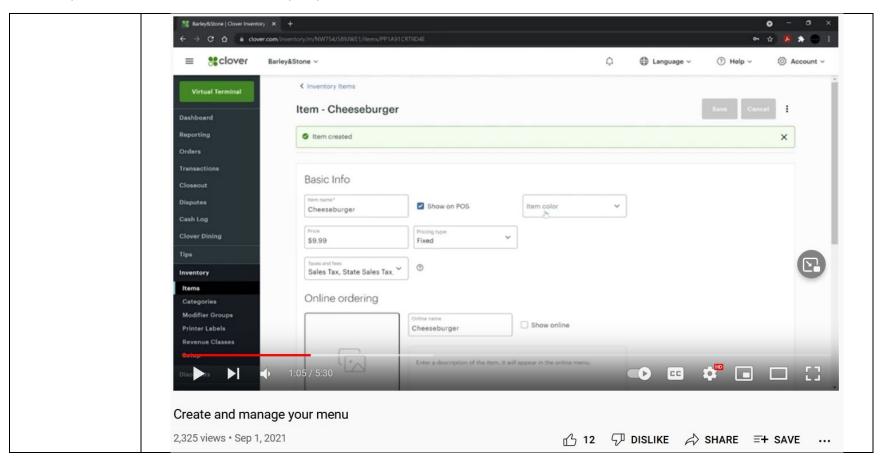




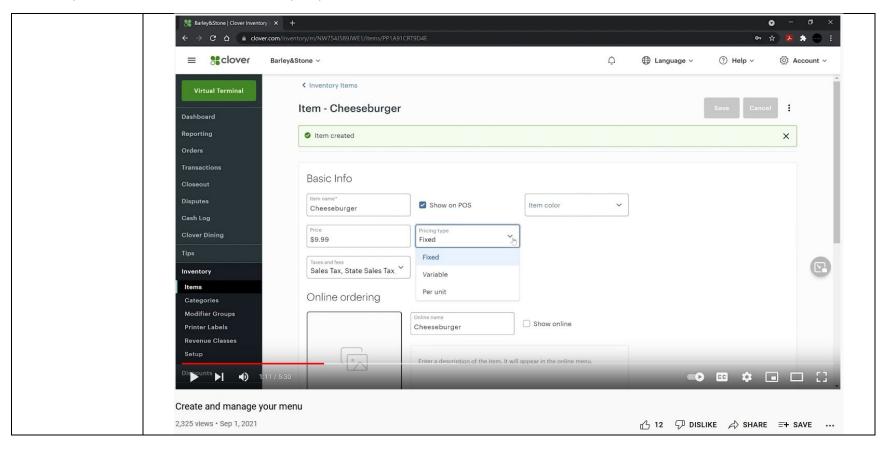


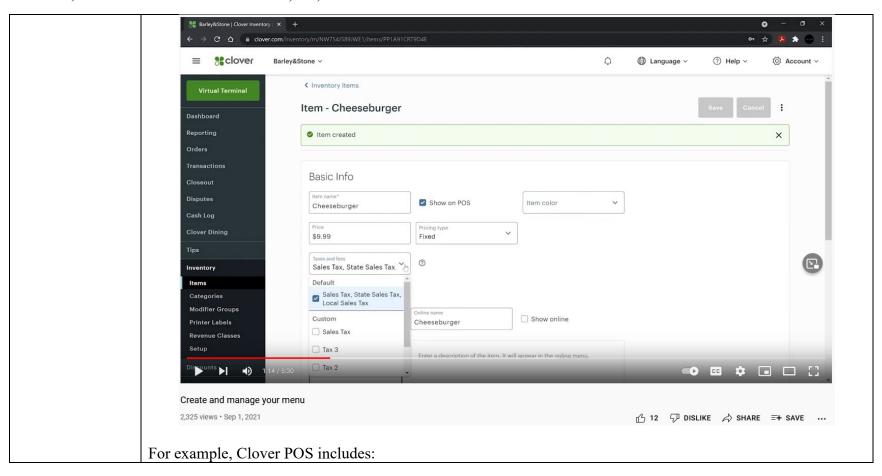


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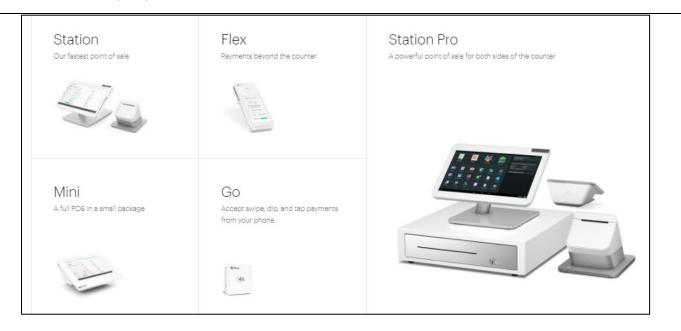
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 144 of 258





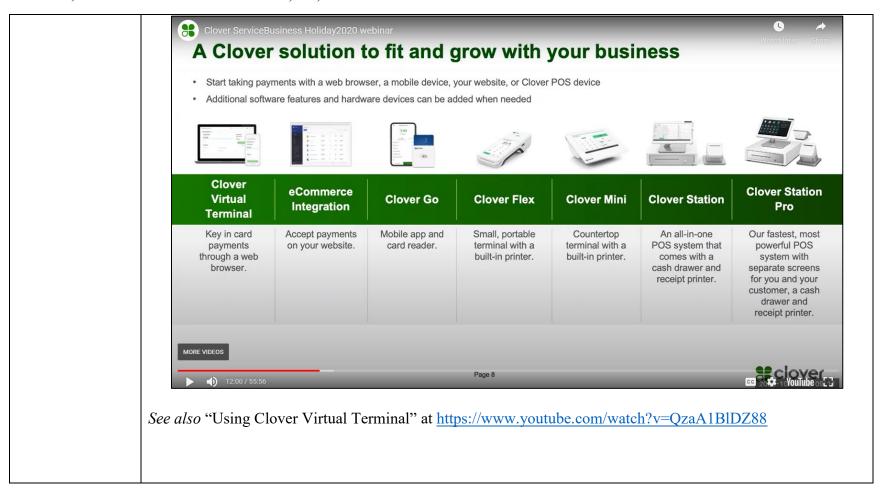
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

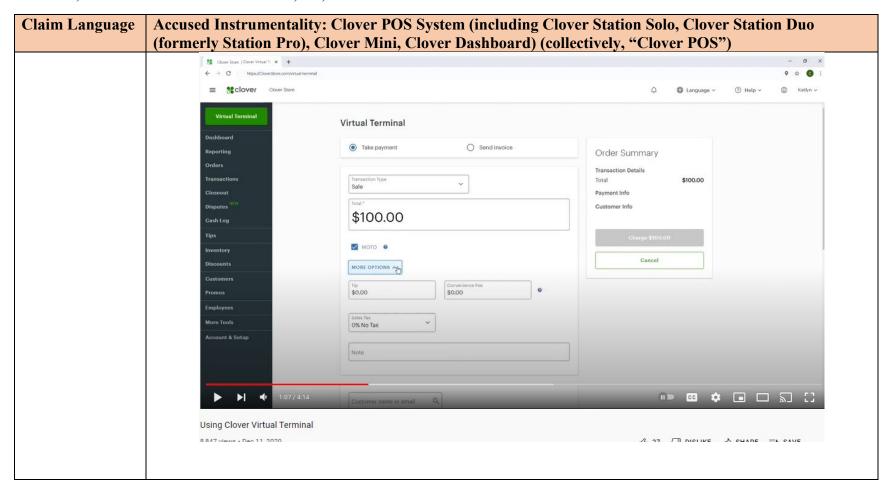


Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4



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wherein the one or more POS terminals are configured to display one or more POS screens; Clover POS includes wherein the one or more POS terminals are configured to display one or more POS screens.

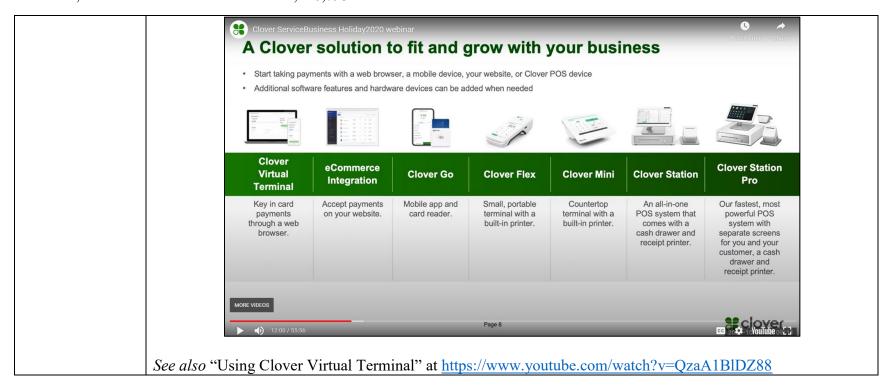
For example, Clover POS includes:



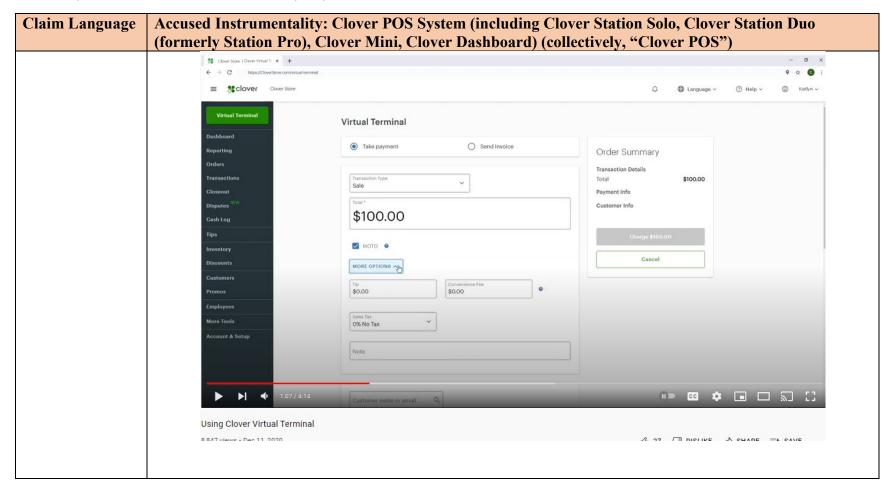
Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4

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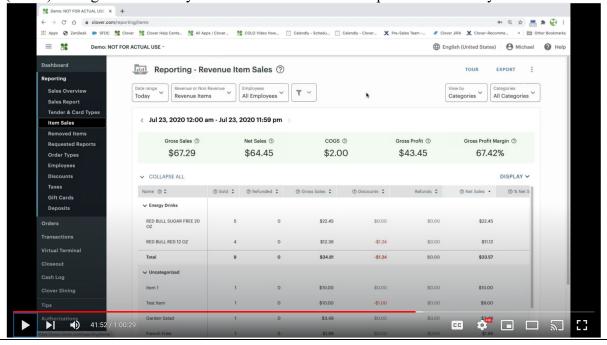
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

receive, over the network from a POS builder interface, information used for creating or modifying the one or more POS screens including creating or modifying one or more display interfaces for display on the one or more POS screens, the one or more display interfaces being associated with one or more items;

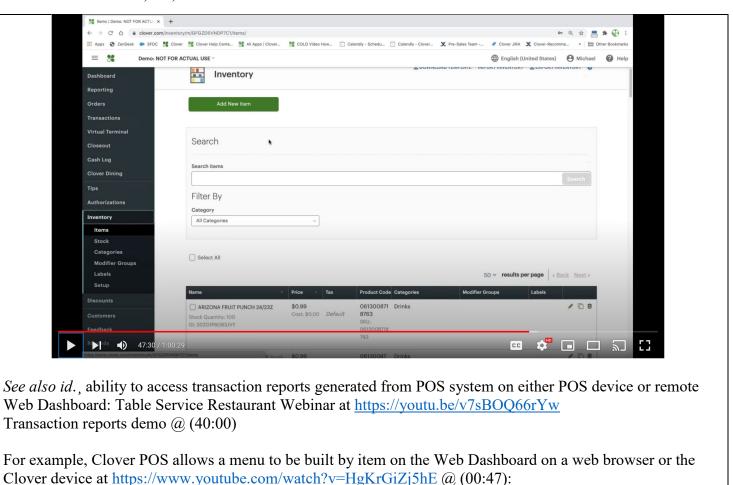
Clover POS includes receive, over the network from a POS builder interface, information used for creating or modifying the one or more POS screens including creating or modifying one or more display interfaces for display on the one or more POS screens, the one or more display interfaces being associated with one or more items.

For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

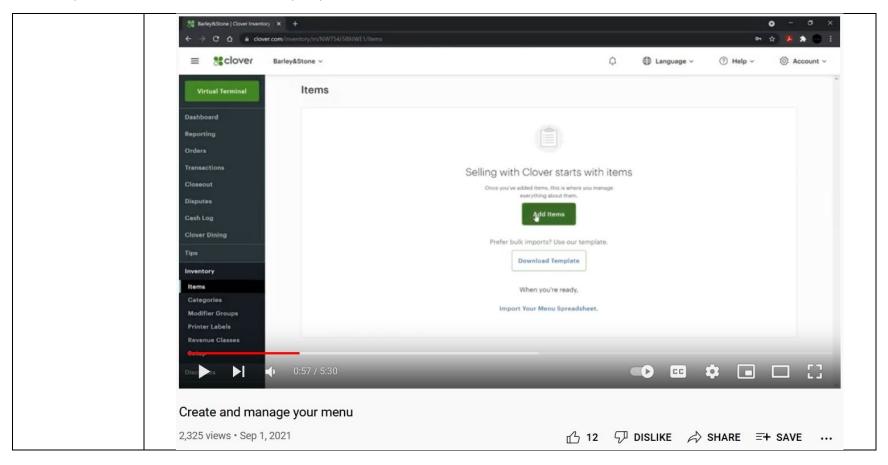
- (41:52): Item sales from all POS terminals in Dashboard
- (47:30): changes to inventory from Web Dashboard that update immediately to all devices

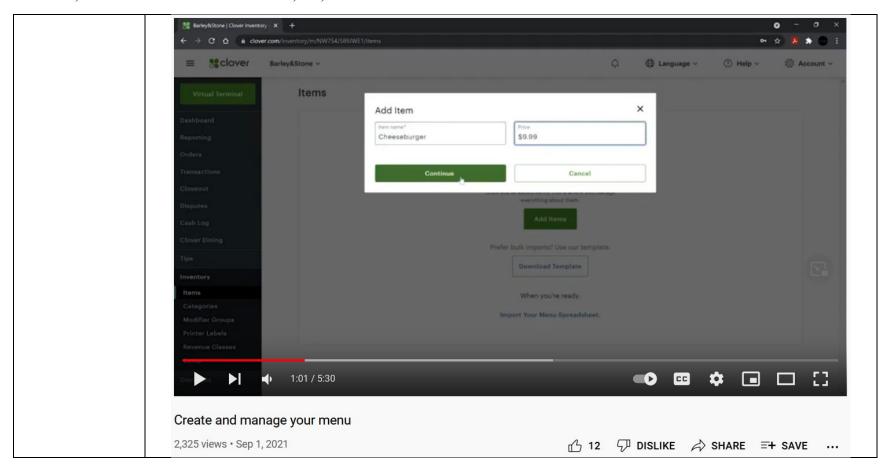


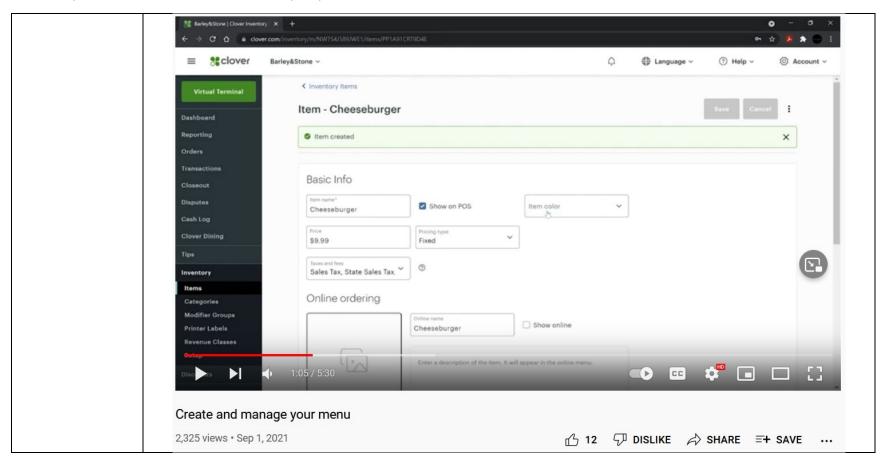
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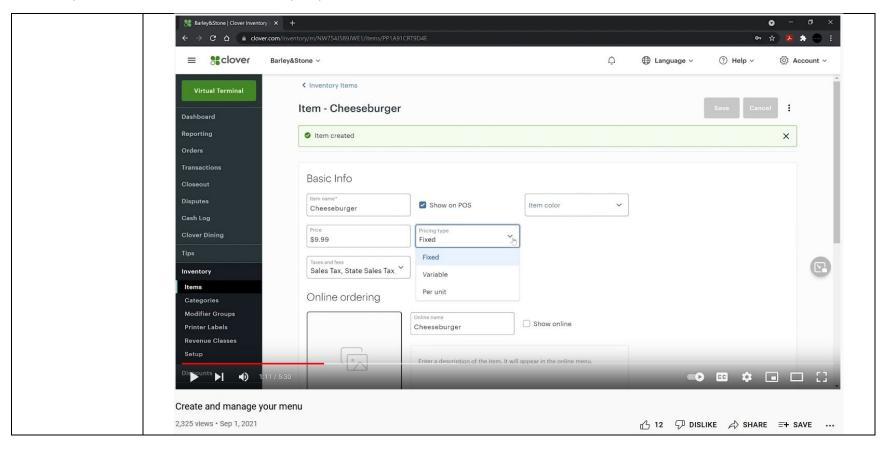
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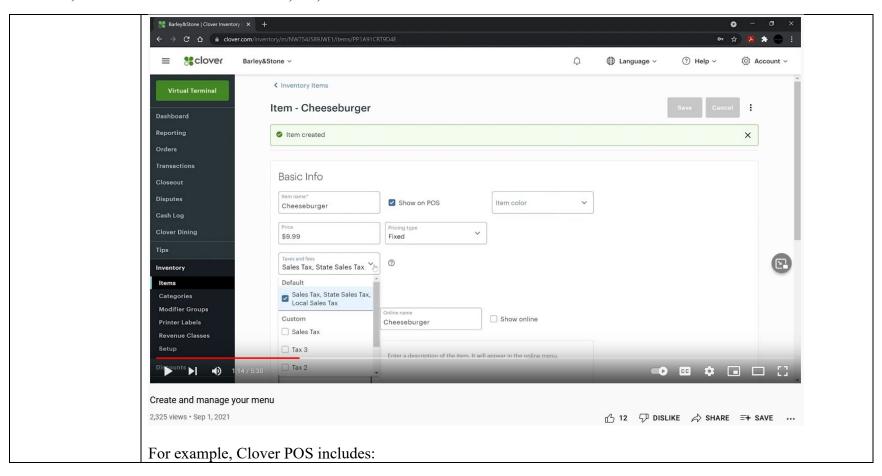






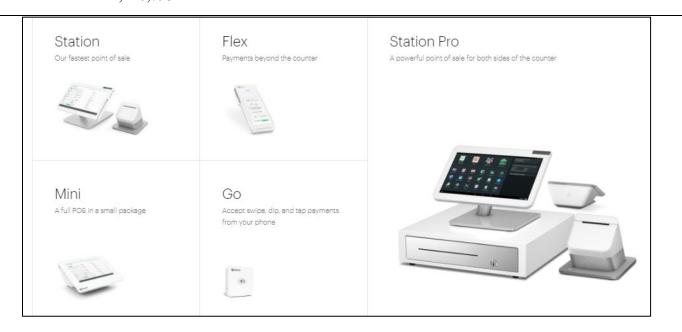
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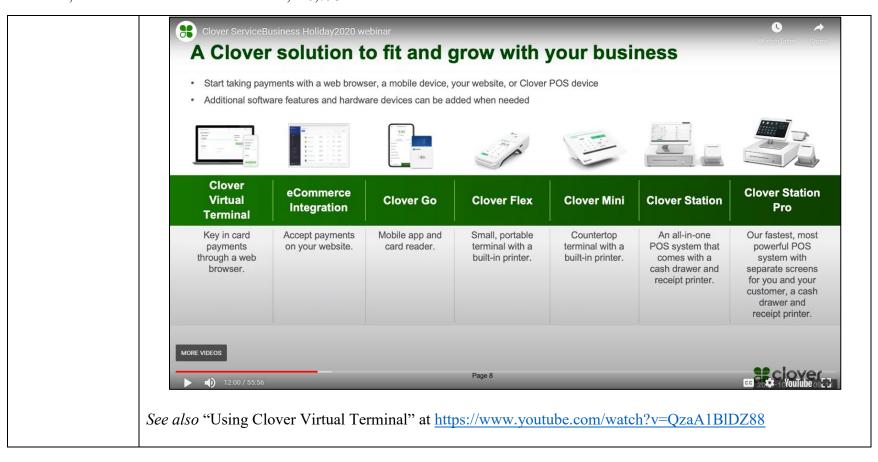
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



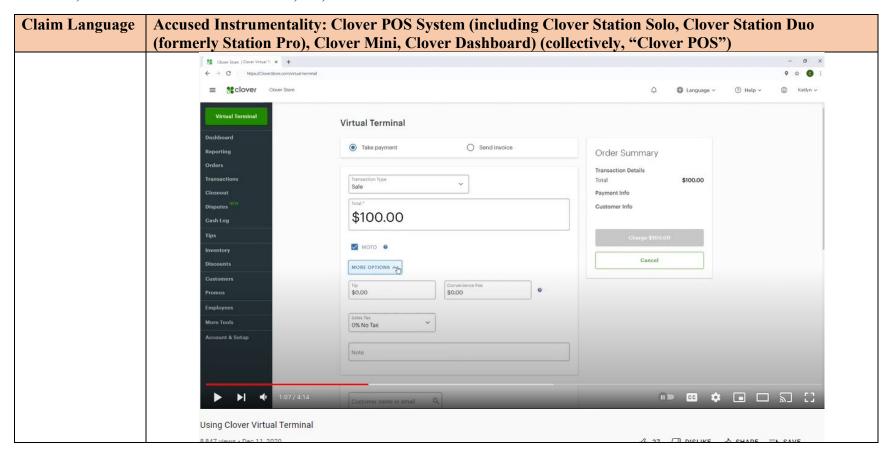
Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4

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receive, from at least one of the one or more POS terminals over the network, further information regarding one or more POS transactions corresponding to the one or more items;

Clover POS includes receive, from at least one of the one or more POS terminals over the network, further information regarding one or more POS transactions corresponding to the one or more items.

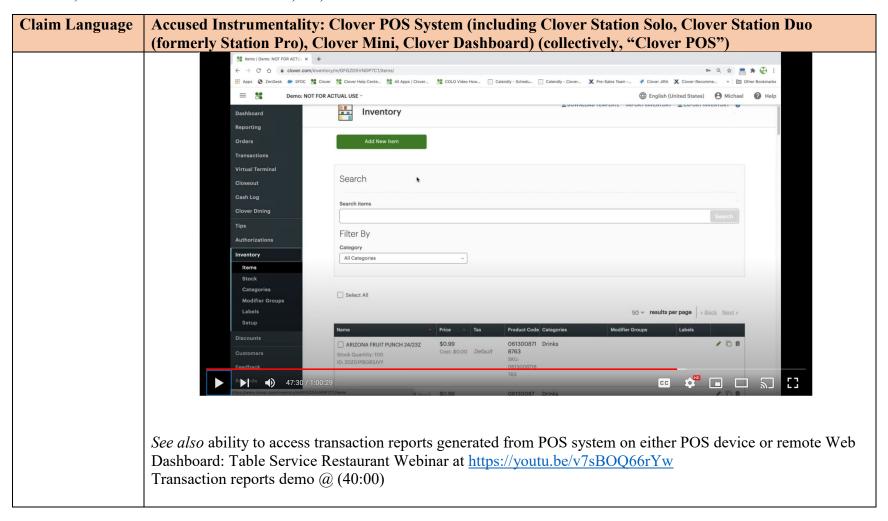
For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." *Source*: https://www.clover.com/pos-systems

See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software sync with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.

See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://voutu.be/002k57 O4N0 (41:52): Item sales from all POS terminals in Dashboard (47:30): changes to inventory from Web Dashboard that update immediately to all devices 🔡 Apps 📀 ZenDesk 🐌 SFDC. 鷺 Clover 😤 Clover Help Cente... 🎇 All Apps | Clover... 🍔 COLO Video How... 📋 Calendly - Schedu... 📋 Calendly - Clover... 🗶 Pre-Sales Team -... 🦸 Clover JIRA 🗶 Clover-Recomme... » 🛅 Other Bookmari Demo: NOT FOR ACTUAL USE English (United States) Michael Pelp Reporting - Revenue Item Sales ② EXPORT : Revenue or Non Revenue Categories Sales Overview All Employees Categories All Categories Revenue Items Sales Report Tender & Card Types Jul 23, 2020 12:00 am - Jul 23, 2020 11:59 pm Item Sales Net Sales ② COGS ① Gross Profit Margin ② \$67.29 \$64.45 \$2.00 \$43.45 67.42% ⑤ Sold ☼ ⑥ Refunded ≎ ⑤ Gross Sales ≎ ⑥ Discounts ≎ Refunds \$ Name ⑦ ≎ Net Sales ▼ ② % Net S Gift Cards Energy Drinks Deposits RED BULL SUGAR FREE 20 \$22.45 \$33.57 \$3.49 41:52 / 1:00:2

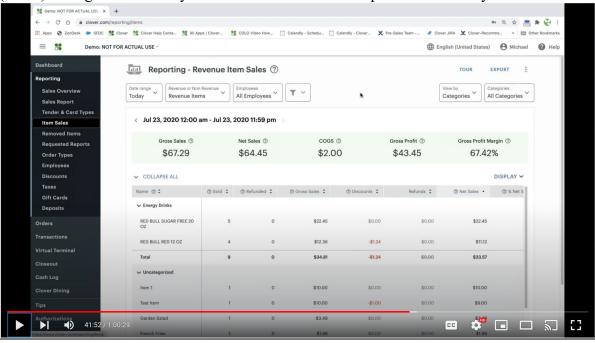


configure the one or more POS terminals with the information over the network to create or modify based on the further information regarding one or more POS transactions the one or more POS screens displayed on the one or more POS terminals; and

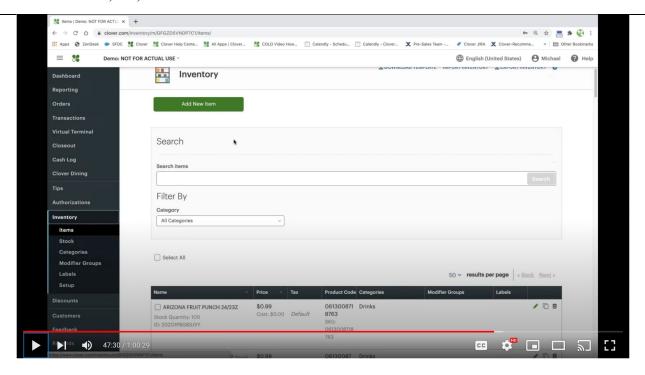
Clover POS includes configure the one or more POS terminals with the information over the network to create or modify based on the further information regarding one or more POS transactions the one or more POS screens displayed on the one or more POS terminals.

For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

- (41:52): Item sales from all POS terminals in Dashboard
- (47:30): changes to inventory from Web Dashboard that update immediately to all devices



CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Transaction reports demo @ (40:00)

For example, Clover POS transactions include further information regarding loyalty point information and inventory information. *See* Clover Station Brochure, p. 4:

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Professional-grade tools free you to focus on what matters.

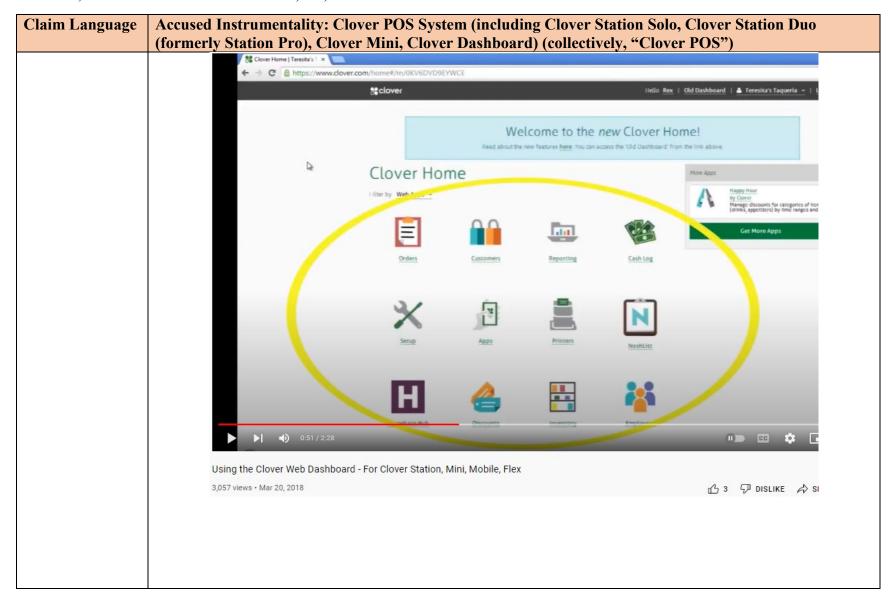
Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.

P

PRODUCTIVITY AT THE POINT OF SALE.

With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.

For example, Using the Clover Web Dashboard (source: https://www.youtube.com/watch?v=xHiR9E3Awoc):

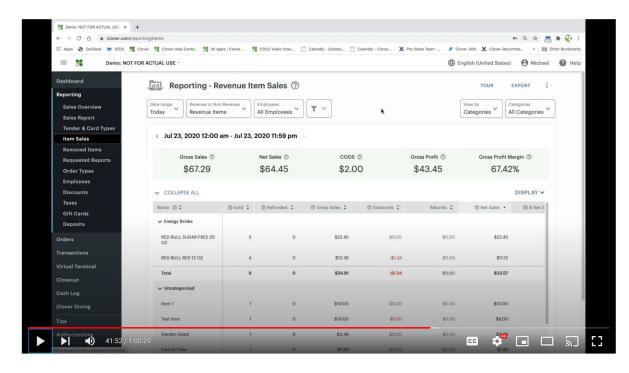


wherein the further information regarding the one or more POS transactions, the information used for creating or modifying the one or more POS screens, or a combination thereof comprises one or more of employee clock information. customer add/update information, item add/update information, promotion information, loyalty point information, discount information, taxation information, item cost information, or inventory information;

Clover POS includes wherein the further information regarding the one or more POS transactions, the information used for creating or modifying the one or more POS screens, or a combination thereof comprises one or more of employee clock information, customer add/update information, item add/update information, promotion information, loyalty point information, discount information, taxation information, item cost information, or inventory information.

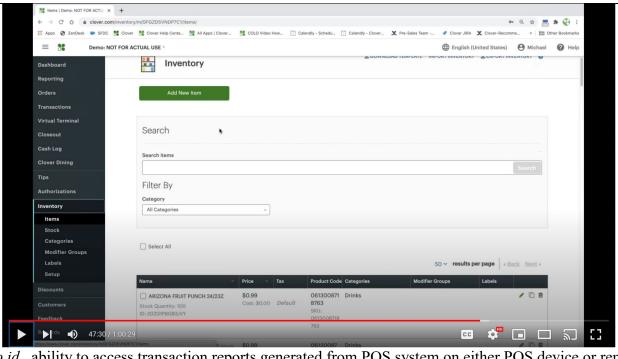
For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

- (41:52): Item sales from all POS terminals in Dashboard
- (47:30): changes to inventory from Web Dashboard that update immediately to all devices



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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Transaction reports demo @ (40:00)

For example, Clover POS transactions include further information regarding loyalty point information, inventory information, and discount information. *See* Clover Station Brochure, p. 4, 6:

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Professional-grade tools free you to focus on what matters.

Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.

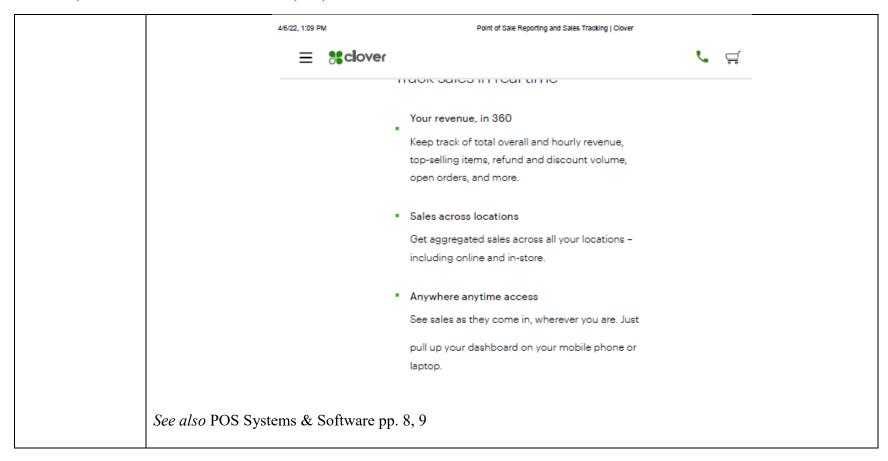
7

PRODUCTIVITY AT THE POINT OF SALE.

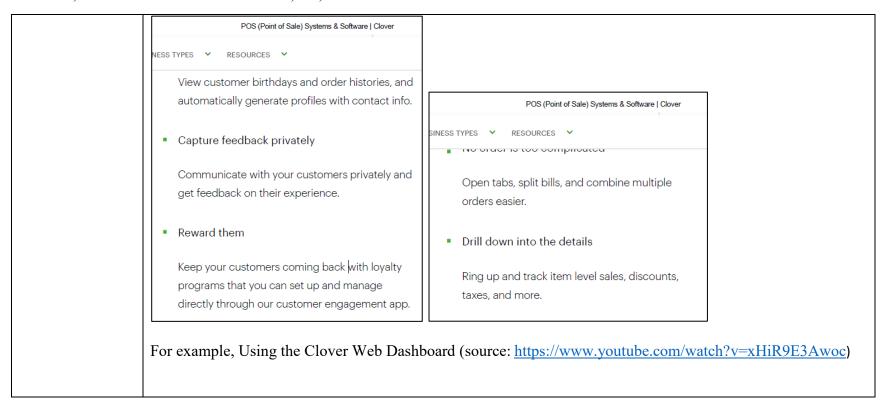
With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.

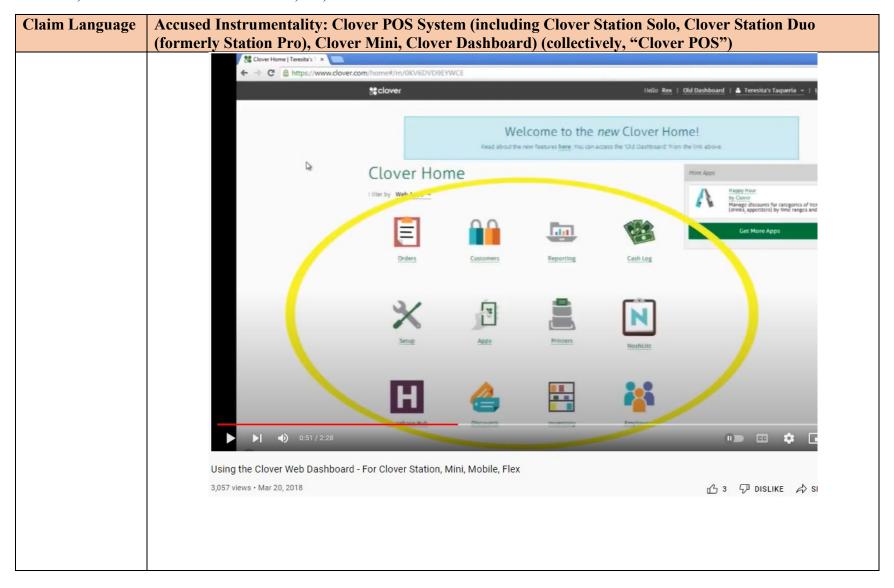


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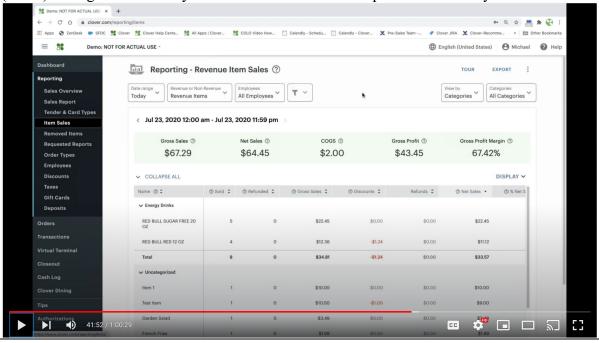
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

Clover POS includes wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

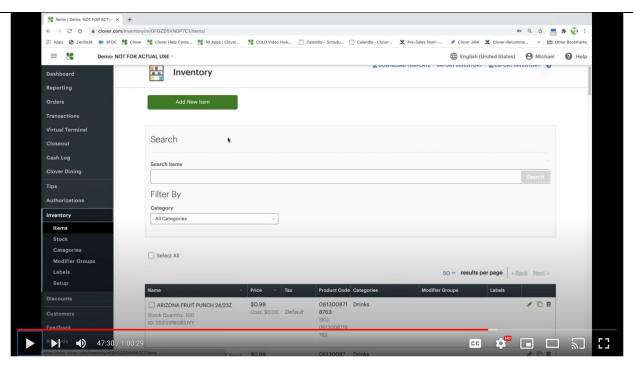
For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

- (41:52): Item sales from all POS terminals in Dashboard
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Transaction reports demo @ (40:00)

For example, Clover POS transactions include further information regarding loyalty point information, inventory information, and discount information. *See* Clover Station Brochure, p. 4, 6:

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

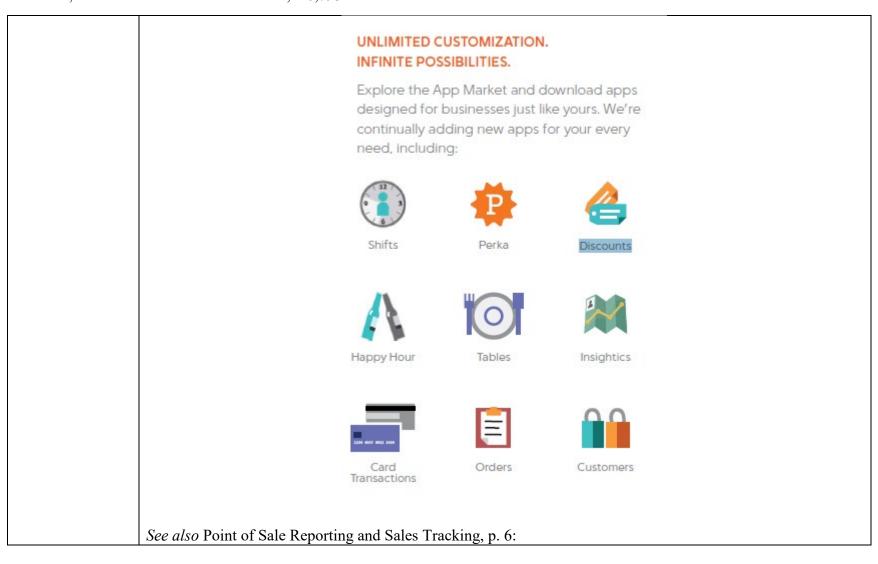
Professional-grade tools free you to focus on what matters.

Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.

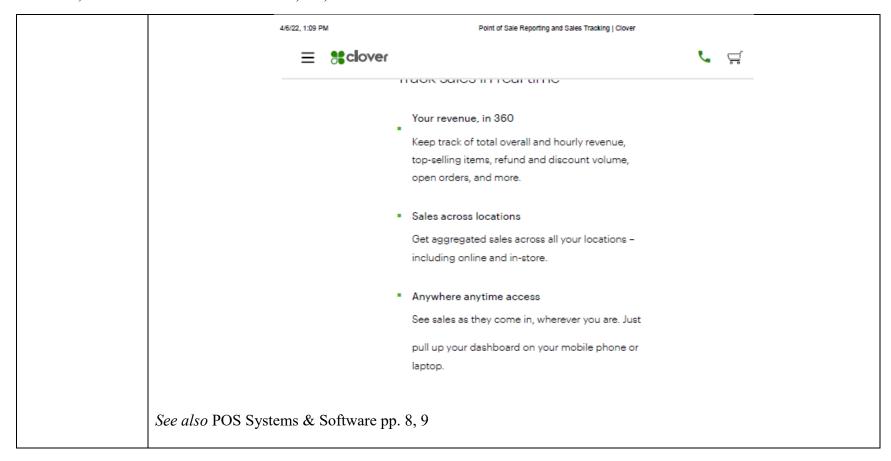
7

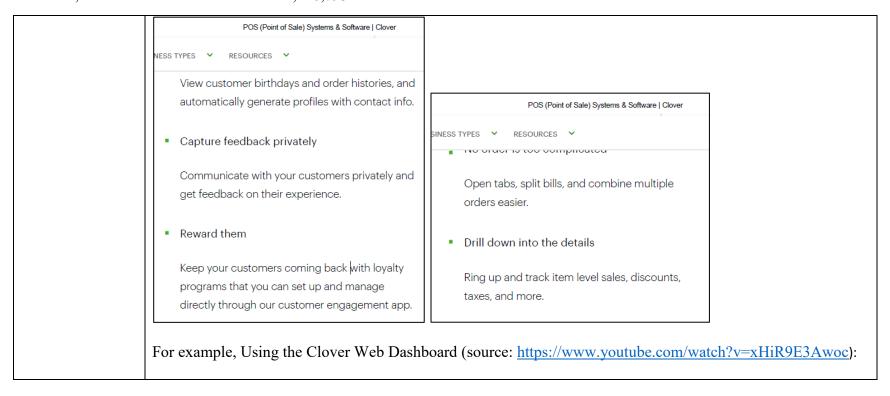
PRODUCTIVITY AT THE POINT OF SALE.

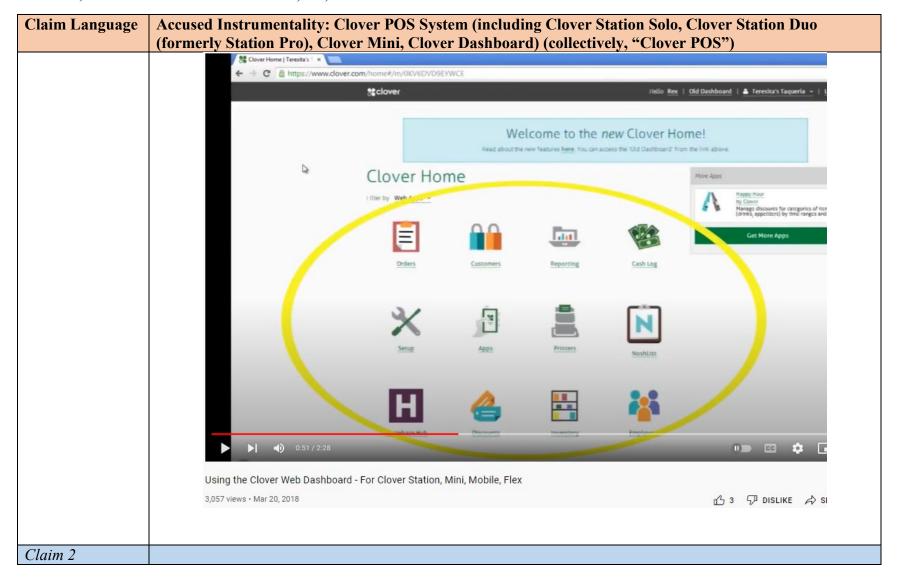
With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.



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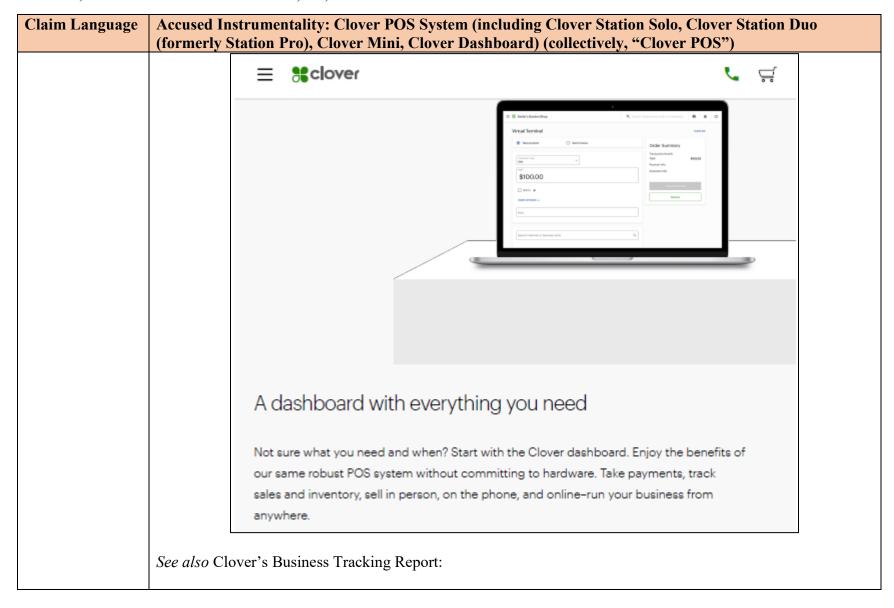


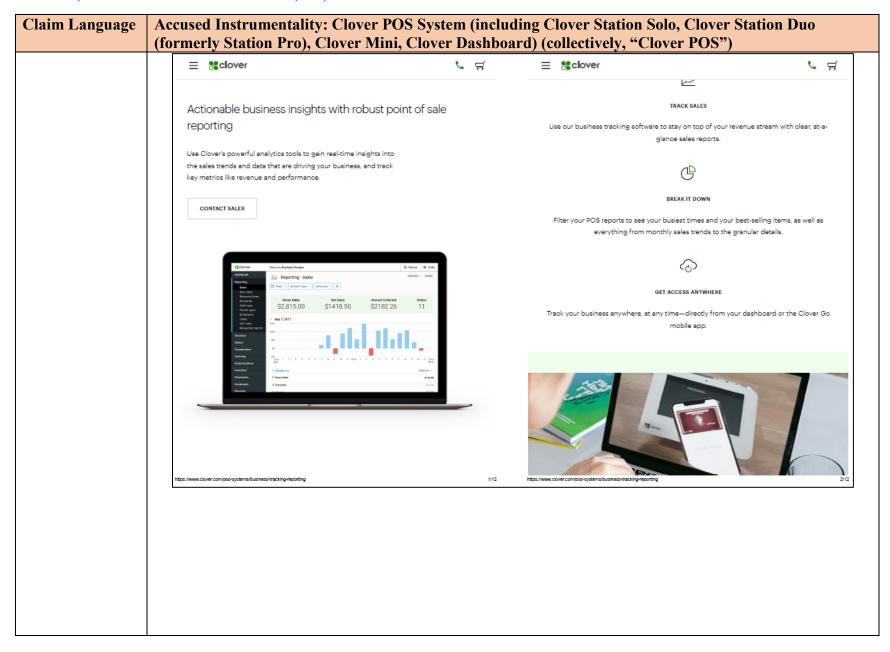


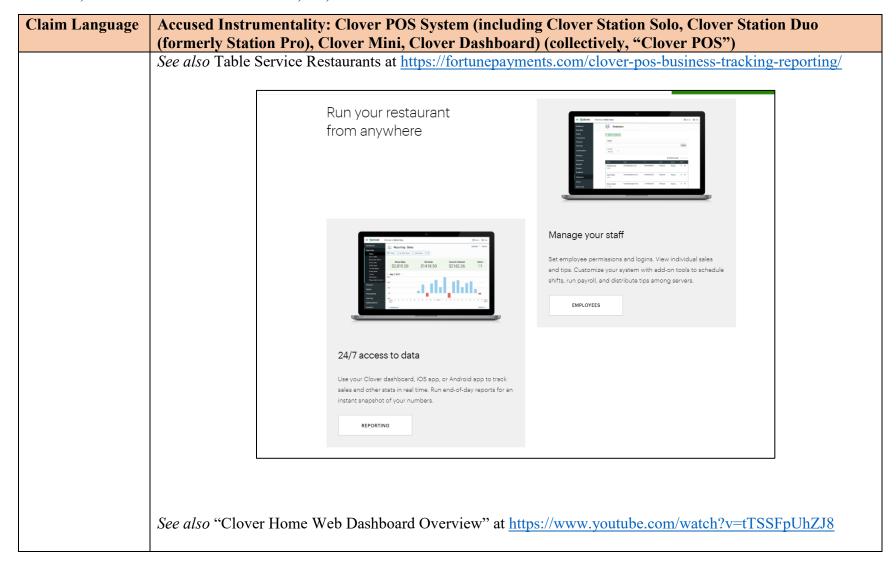


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Claim Language		•	` `	g Clover Station Solo, Clover Station Duo (collectively, "Clover POS")
2. The web-based	The discussion for cla	aim 1 is herein inco	orporated by referen	ice.
point of sale (POS) builder				
system of claim 1				
wherein the POS	Clover POS includes	wherein the POS b	uilder interface is c	onfigured to run on a computer device.
builder interface				
is configured to	For example, Clover	POS includes:		
run on a computer device.		Station	Flex	Station Pro
device.		Our fastest point of sale	Payments beyond the counter	A powerful point of sale for both sides of the counter
		40		
		Mini A full POS in a small package	Go Accept swipe, dip, and tap payments from your phone	
			(%)	* A STATE OF THE S
	Source: https://www.	clover.com/shop. I	Last accessed on Ju	ne 12, 2022.
	For example Clover's	s Shop Webpage in	cludes one or more	local or remote PC workstations:







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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
	Introduction to the Web Dashboard		
Claim 3 3. The web-based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorporated by reference.		
wherein the one or more POS terminals comprise a plurality of POS terminals in a plurality of locations.	Clover POS includes wherein the one or more POS terminals comprise a plurality of POS terminals in a plurality of locations. For example, Clover POS includes:		

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
	(Torinerry Station 170), Clover Mini, Clover Dashboard, (concervery, Clover 105)		
	ACCESSIBLE FROM ANYWHERE		
	Clover's point-of-sale software syncs with		
	the cloud, so you can access your sales,		
	refunds, deposits, and reports, wherever		
	you are or need to be.		
	See also Set up your Station Pro at https://www.clover.com/help/set-up-your-station-pro/ The LAN Ethernet cable connects the completed assembly to your internet network.		
	See also id.		

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
Claim Language	(formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS") Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi. If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2, Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use. To connect your Station Pro to a network: ① On the Welcome screen, select your preferred language and then tap Next. ② On the Network screen, choose your network type and tap Continue: • Ethernet networks connect with the supplied Ethernet cable. • Mobile networks use the installed SIM card and its cellular network connection. • Wi-Fi networks connect wirelessly to a router you have previously set up. ③ Wait until you see the message that the device is successfully connected and then tap		
	On the Network screen, choose your network type and tap Continue: Ethernet networks connect with the supplied Ethernet cable. Mobile networks use the installed SIM card and its cellular network connection. Wi-Fi networks connect wirelessly to a router you have previously set up. Wait until you see the message that the device is successfully connected and then tap Next.		
	See also Connect and activate your Station 2 at https://www.clover.com/help/connect-and-activate-my-clover-station-2018/		

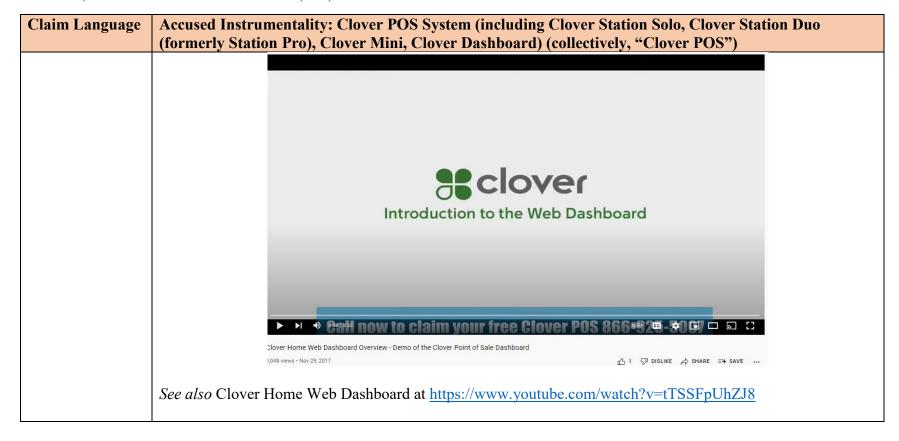
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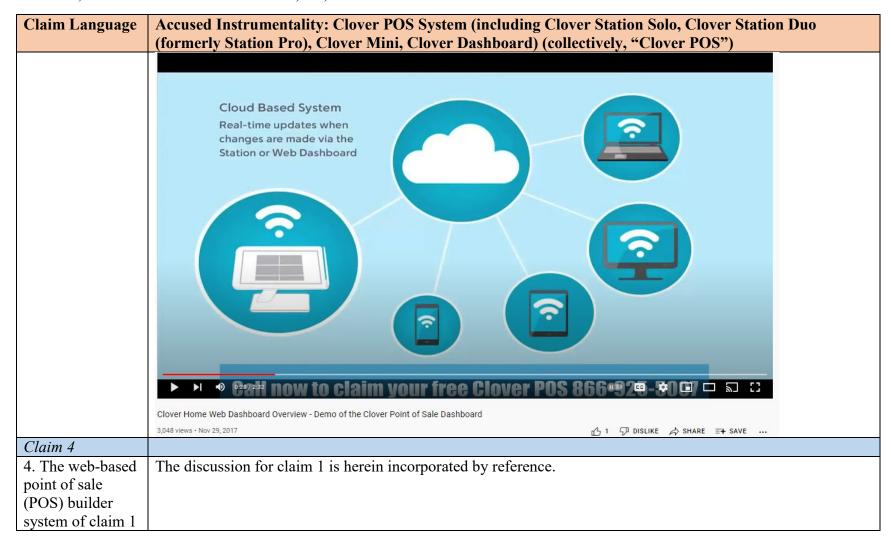
	Connect your Clover device to a network
	You need an internet connection to activate your device. After your device powers on, the Connect to Network screen helps get you connected.
	Connect to the network with an Ethernet cable
	Because wireless can be unreliable or spotty (which is often out of your control), we recommend connecting your Clover devices to the internet via Ethernet. This method ensures that your Clover device is connected and online even when your wireless connection is not responding.
	If your Ethernet cable is already plugged into the hub, your device automatically tries to connect to the internet. If your Ethernet is not connected, follow the instructions to plug in your Ethernet cable to your device.
	If you have problems setting up your Ethernet, learn more in the troubleshooting guide to fix your Ethernet connection problems.
	You can always connect to the Ethernet after exiting the Setup Wizard.
	To connect your device via Ethernet:
	Plug one end of your Ethernet cable into the device hub.
	Plug the other end into your modem, router, or switch.
	Your device will automatically try to connect to the internet.
	You will see Successfully Connected to Server when connected.
	If your device does not automatically connect,
	3 Tap Check Connection. If this fails, wait two minutes and tap Check Connection button again. If you receive an Error connecting to the network message:
	 Check that the router used is connected to the internet by plugging in your laptop or mobile device.
	Check that the Ethernet cable is plugged all the way into the Printer.
	Tap Check Connection. You will see Successfully Connected to Server when connected.
	Connect your Clover device to a Wi-Fi network
	To connect to a Wi-Fi network:
	Tap Configure next to the Wi-Fi option.
	From the list of available wireless networks, tap the name of your wireless network. (If your network doesn't appear, tap Add a New Network and then tap the network by name.)
	Enter the network password.
	Tap Done.
	(5) Tap Check Connection.
	When the connection is successful, you will be taken through the activation process. If not,
<u> </u>	vou'll be asked to select a different network or re-enter the Wi-Fi password.

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
	See also Clover Web Dashboard at Clover Help Center: https://www.clover.com/pos-systems		
	Virtual Terminal for		
	payments anywhere,		
	anytime		
	Accept payments anywhere with your computer, tablet, or smartphone without a POS device. Fire up Virtual Terminal right on your Clover Web Dashboard, 24/7.		
	VIRTUAL TERMINAL		
	See also Fix network connections at https://www.clover.com/help/fix-network-connections/		

Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")		
	Fix network connections		
	If your Clover device is having network connection problems, you can follow a series of simple tests to diagnose and fix them.		
	At any time, you can <u>contact Clover Support</u> .		
	Clover devices can connect to the Internet in any one of these three ways:		
	With a 3G wireless connection, which uses 3G (third-generation wireless mobile) technology to connect.		
	 * With a Wi-Fi wireless connection, which uses a router to distribute data to your devices without a cable. 		
	With an Ethernet cable that you have plugged in from a router to your Clover device.		
	You can troubleshoot connection problems by following the steps for your network type.		
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8		





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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

wherein the one
or more items
comprise at least
one of: one or
more items for
sale, one or more
promotions, or
one or more
loyalty points
programs.

Clover POS includes wherein the one or more items comprise at least one of: one or more items for sale, one or more promotions, or one or more loyalty points programs.

For example, Clover POS transactions include further information regarding loyalty point information, inventory information, and discount information. *See* Clover Station Brochure, p. 4, 6:

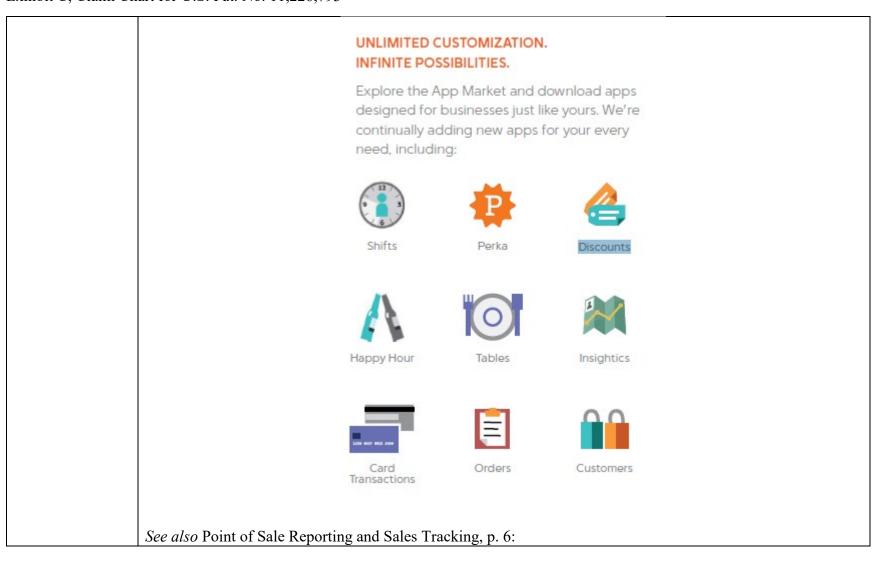
Professional-grade tools free you to focus on what matters.

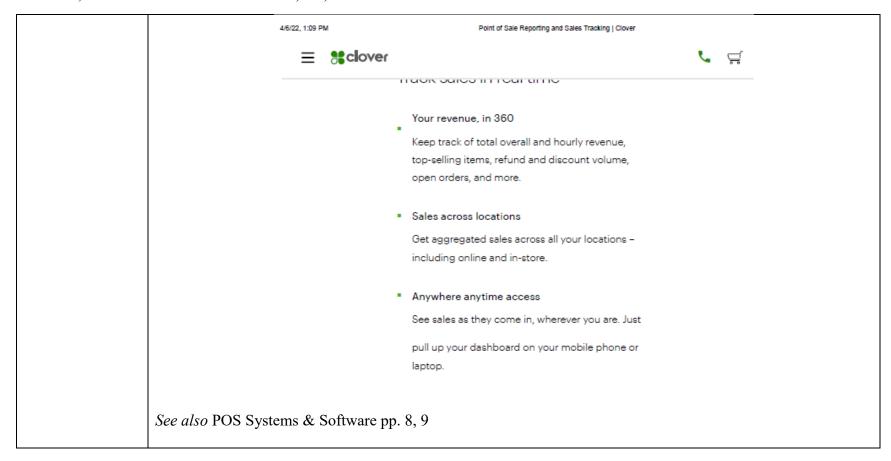
Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.



PRODUCTIVITY AT THE POINT OF SALE.

With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.





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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")			
	POS (Point of Sale) Systems & Software Clover			
	NESS TYPES Y RESOURCES Y			
	View customer birthdays and order histories, and automatically generate profiles with contact info.	POS (Point of Sale) Systems & Software Clover		
	Capture feedback privately	SINESS TYPES Y RESOURCES Y		
	Communicate with your customers privately and get feedback on their experience.	Open tabs, split bills, and combine multiple orders easier.		
	■ Reward them	Drill down into the details		
	Keep your customers coming back with loyalty programs that you can set up and manage directly through our customer engagement app.	Ring up and track item level sales, discounts, taxes, and more.		
Claim 9				
9. The web-based point of sale (POS) builder system of claim 1	The discussion for claim 1 is herein incorp	orated by reference.		
wherein the one or more display interfaces	Clover POS includes wherein the one or n For example, Clover POS includes:	ore display interfaces comprise one or more buttons or keys.		
comprise one or more buttons or keys.				

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Claim Language				g Clover Station Solo, Clover Station Duo (collectively, "Clover POS")
		Station Our fastest point of sale	Flex Payments beyond the counter	Station Pro A powerful point of sale for both sides of the counter
		Mini A full POS in a small package	GO Accept swipe, dip, and tap payments from your phone	
Claim 11	Source: https://www.c	lover.com/shop. I		ne 12, 2022.
11. The web- based point of sale (POS) builder system of claim 1	The discussion for clai	m 1 is herein inco	rporated by referen	nce.
wherein the POS builder interface is accessible via a web browser.	See Clover Tour at: htt • (0:15): "Run yo dashboard from	eps://www.youtube our business from any internet brow	e.com/watch?v=zG a Clover device or	from virtually anywhere. Log into the web crything from inventory to reports – its cloud-based.

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Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
Claim 42	
42. A method of implementing a web-based point of sale (POS)	The discussion for claim 1 is herein incorporated by reference. CloudofChange asserts that the preamble is not limiting. To the extent that the preamble is construed as limiting, Clover POS includes a web-based point of sale (POS) builder system.
builder system, the method comprising:	For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." <i>Source</i> : https://www.clover.com/pos-systems
	See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software sync with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8
	Introduction to the Web Dashboard ► N • Continuous free Clover POS 866-929-\$0 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
	Clover Home Web Dashboard Overview - Demo of the Clover Point of Sale Dashboard 1,048 views - Nov 29, 2017 但 1

communicating
with one or more
POS terminals
over a network
comprising the
Internet,

Clover POS includes communicating with one or more POS terminals over a network comprising the Internet.

For example, Clover POS includes network capabilities for all devices to communicate with each other in real time over a wireless or wired network.

See also Set up your Station Pro at https://www.clover.com/help/set-up-your-station-pro/



The LAN Ethernet cable connects the completed assembly to your internet network.

See also id.

Connect your Station Pro to a network

Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.

If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.

To connect your Station Pro to a network:

- On the Welcome screen, select your preferred language and then tap Next.
- On the Network screen, choose your network type and tap Continue:
 - · Ethernet networks connect with the supplied Ethernet cable.
 - Mobile networks use the installed SIM card and its cellular network connection.
 - Wi-Fi networks connect wirelessly to a router you have previously set up.
- Wait until you see the message that the device is successfully connected and then tap Next.

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793		
	See also Connect and activate your Station 2 at https://www.clover.com/help/set-up-your-mini See also Connect your Station Pro to a Network https://vizypay.zendesk.com/hc/en-us/articles/360052041754-Setting-up-your-Clover-Station-Pro	

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Connect your Station Pro to a network

Connect your Station Pro to the network after you assemble it. There are three ways to connect your Station Pro to a network: Ethernet (recommended), Mobile (SIM) card, and Wi-Fi.

If you plan to connect to a network using Wi-Fi, check to make sure your router is set up, connected to the network, and has a security level of WPA or WPA2. Your network needs to be a closed, protected, secure network to process payment transactions. If you offer Wi-Fi access to your customers, follow the best practice and give them a different Wi-Fi network to use.

To connect your Station Pro to a network:

- 1. On the Welcome screen, select your preferred language and then tap Next.
- 2. On the Network screen, choose your network type and tap Continue:
- Ethernet networks connect with the supplied Ethernet cable.
- . Mobile networks use the installed SIM card and its cellular network connection.
- . Wi-Fi networks connect wirelessly to a router you have previously set up.
- 3. Wait until you see the message that the device is successfully connected and then tap Next.

Next, activate your Station Pro.

Activate your Station Pro

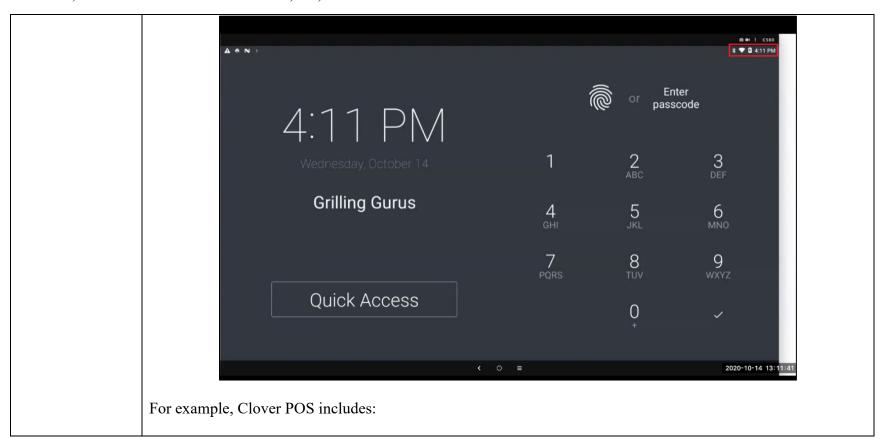
Activate your Station Pro after you connect it to a network.

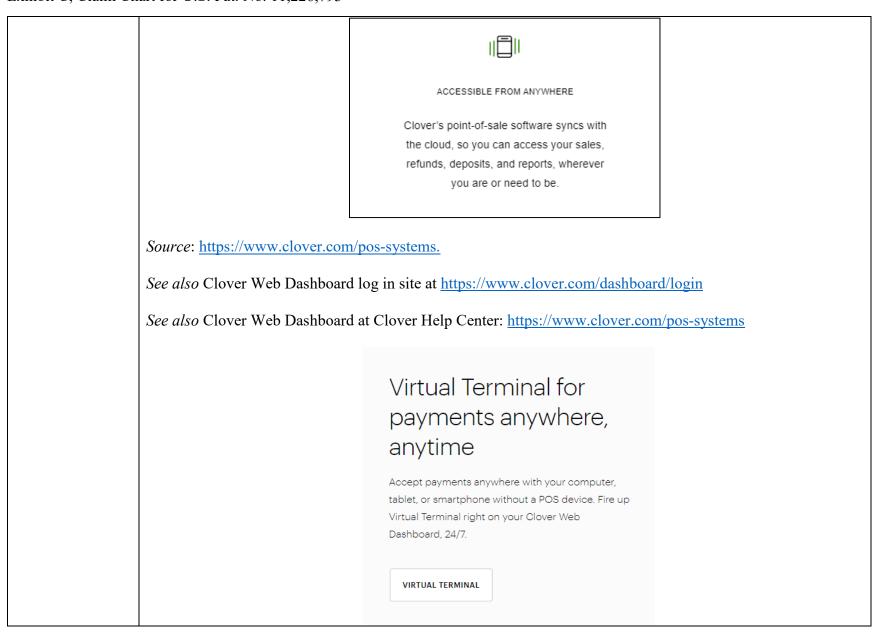
You'll need your activation code from the activation email you received from Clover.

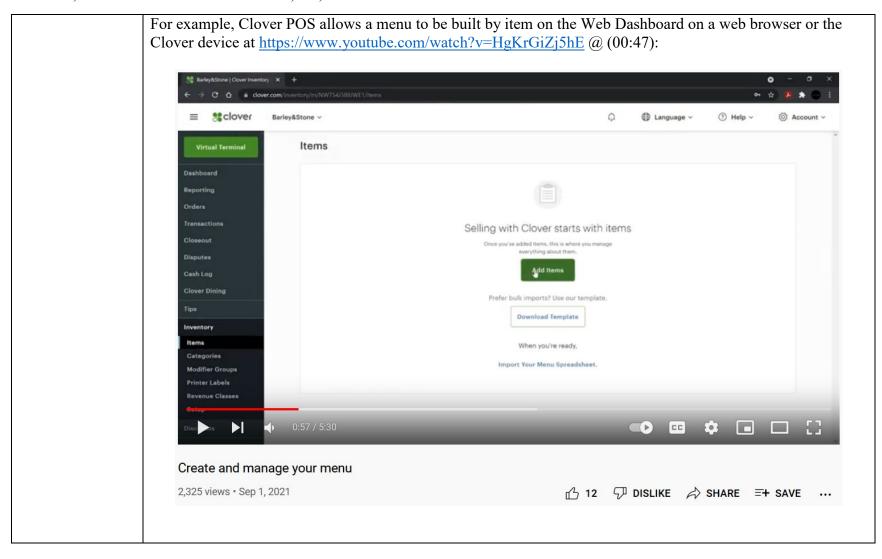
To activate your Clover Station Pro:

- On the activation screen, enter the 8-digit code you received in your activation email from Clover Support
 (app@clover.com). If you've already set up your account, you can also find the code on the Web Dashboard at
 the top of the page after you log in.
- 2. On the Install apps screen, wait while Clover updates the apps that come pre-installed on your system.
- 3. Select the Clover Service Plan you signed up for.
- (Optional) Check the boxes for any third party apps you want to use. (You can also do this later from the Web Dashboard by choosing More Tools.) You're done with activation.

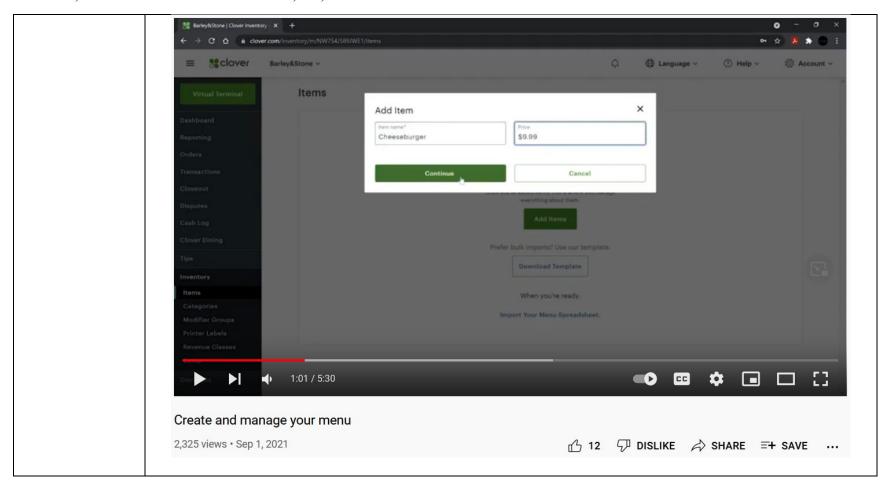
See also, Clover Restaurant Businesses Holiday 2020 Webinar at https://youtu.be/x4hCW5IVuIE @ (16:13)



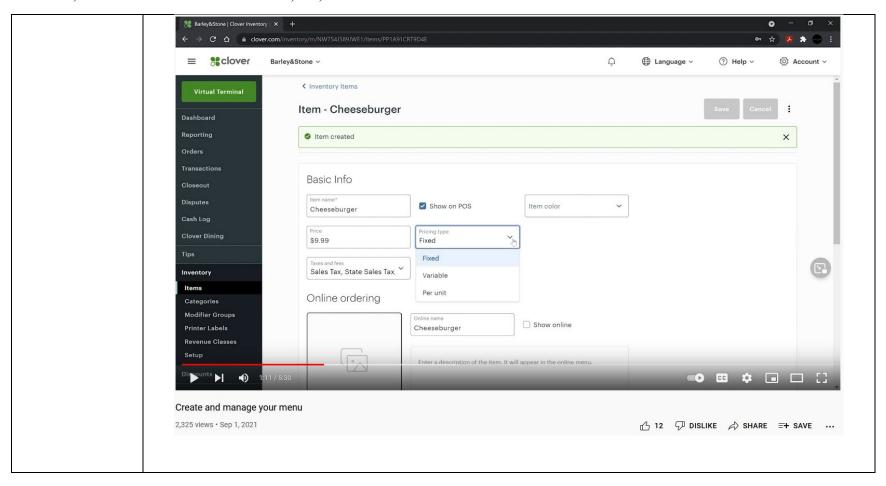




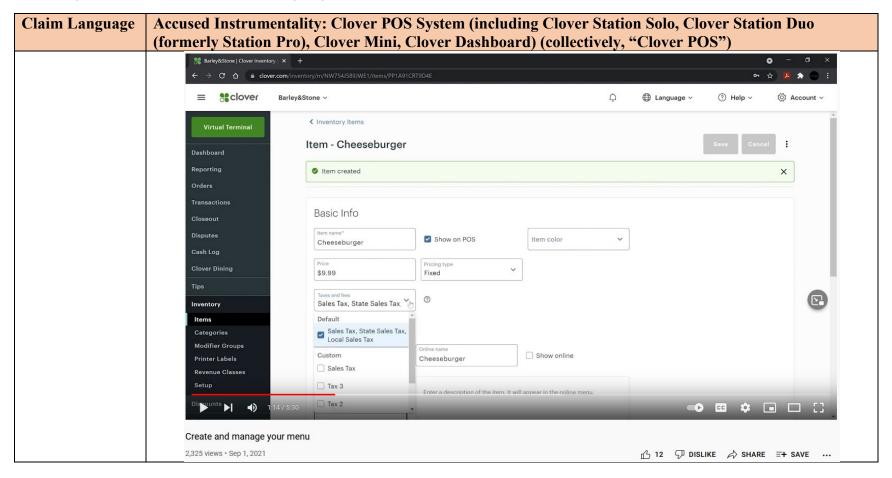
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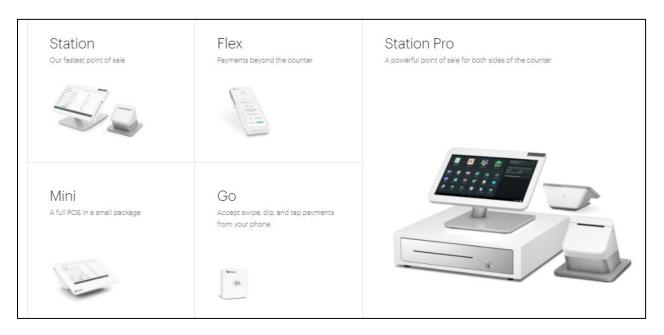
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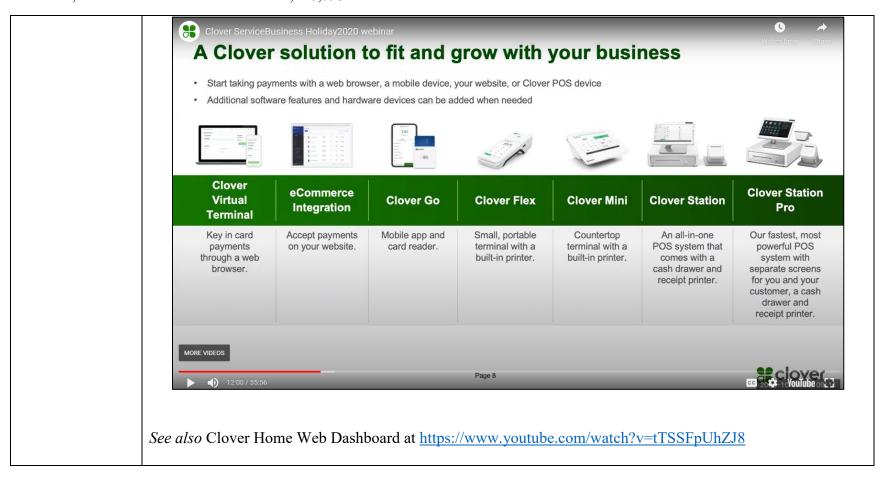
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

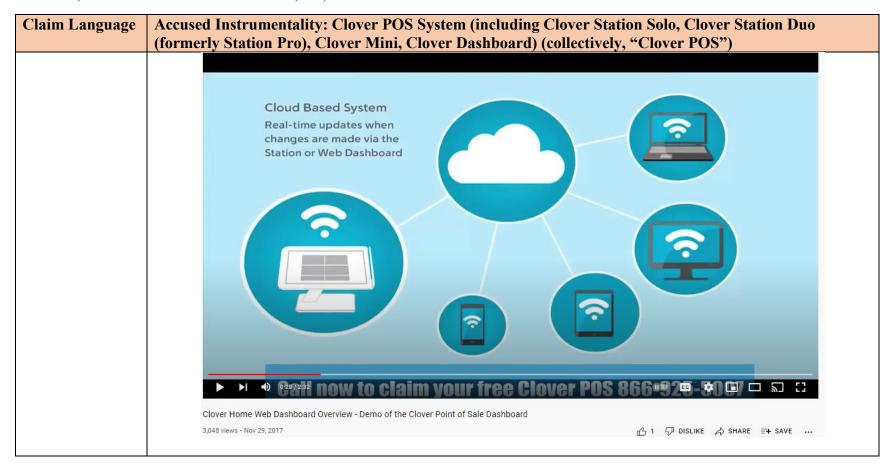
wherein the one or more POS terminals are configured to display one or more POS screens; Clover POS includes wherein the one or more POS terminals are configured to display one or more POS screens.



Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

See also Clover Service Business Holiday 2020 Webinar at https://youtu.be/XU1Gnk2BLn4





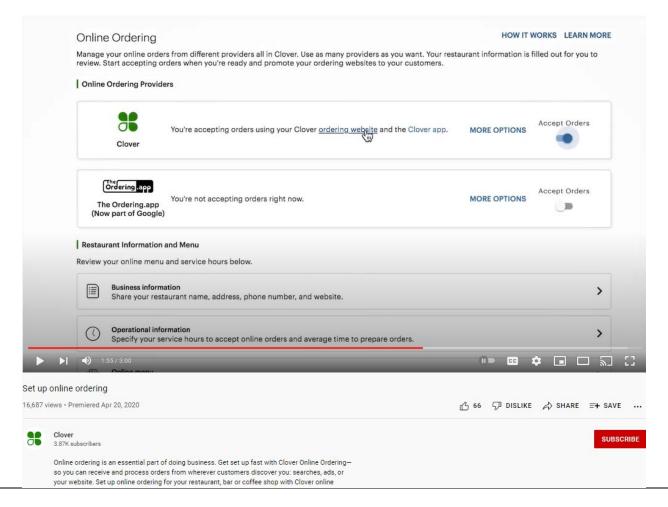
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

receiving, over the network from a POS builder interface, information used for creating or modifying the one or more POS screens including creating or modifying one or more display interfaces for display on the one or more POS screens, the one or more display interfaces being associated with one or more items;

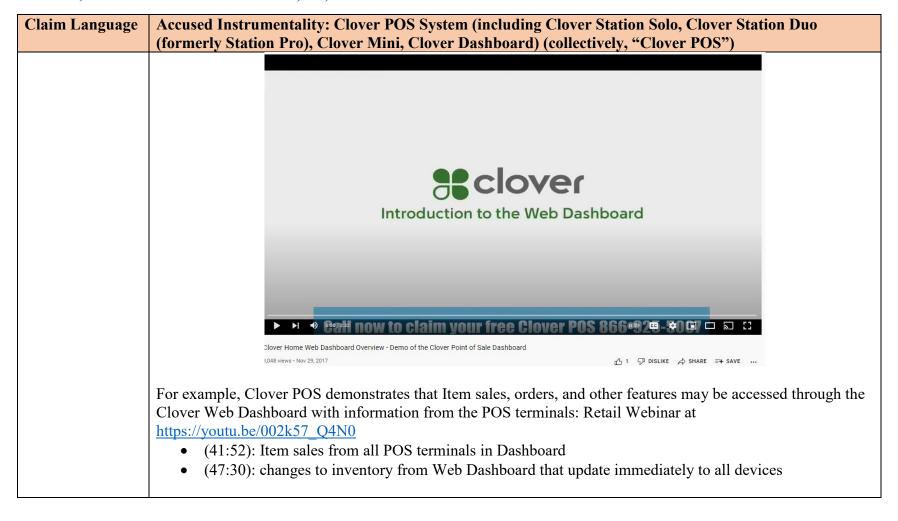
Clover POS includes receiving, over the network from a POS builder interface, information used for creating or modifying the one or more POS screens including creating or modifying one or more display interfaces for display on the one or more POS screens, the one or more display interfaces being associated with one or more items.

Clover POS includes options to configure an online ordering service that is completely integrated with the POS terminal.

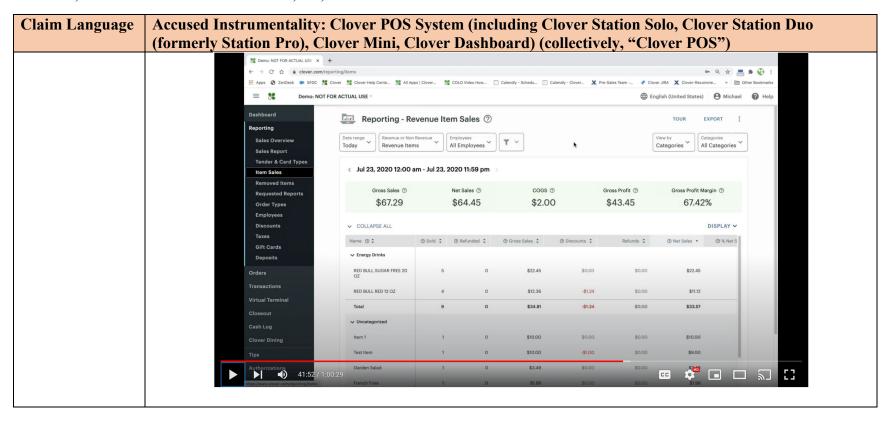


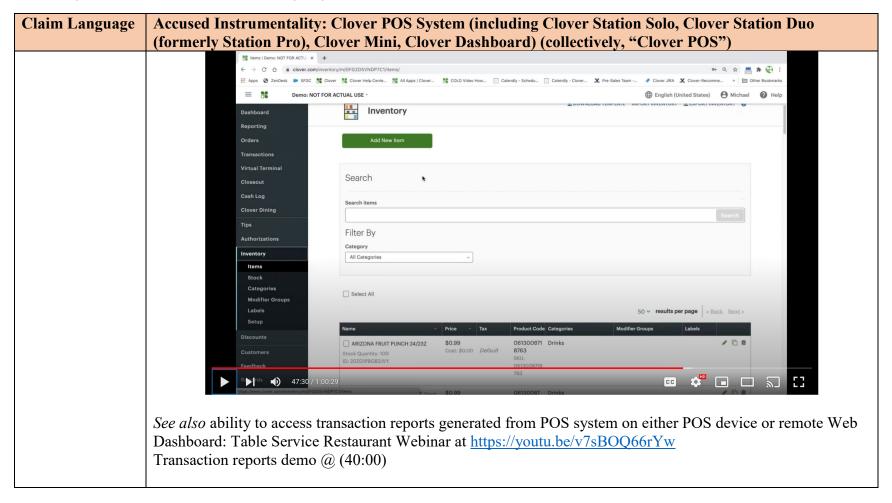
Case 6:22-cv-00634-ADA-DTG Document 34-4 Filed 12/23/22 Page 214 of 258

Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	Source: https://www.youtube.com/watch?v=MBbUo0XlFD0
	See also How to View the Smart Online Orders on the Clover Device at https://www.youtube.com/watch?v=u6hEWekBmXU
receiving, from at least one of the one or more POS	Clover POS includes receiving, from at least one of the one or more POS terminals over the network, further information regarding one or more POS transactions corresponding to the one or more items.
terminals over the network, further information	Clover POS includes receive, from at least one of the one or more POS terminals over the network, further information regarding one or more POS transactions corresponding to the one or more items.
regarding one or more POS transactions corresponding to	For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." <i>Source</i> : https://www.clover.com/pos-systems
the one or more items; and	See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software sync with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.
	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



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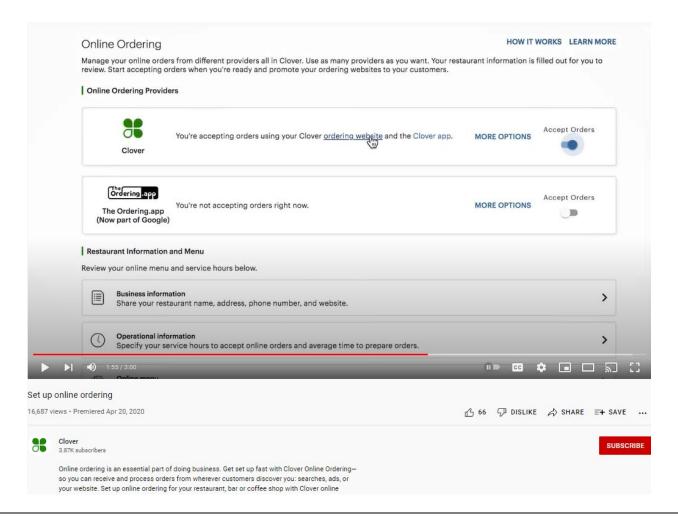
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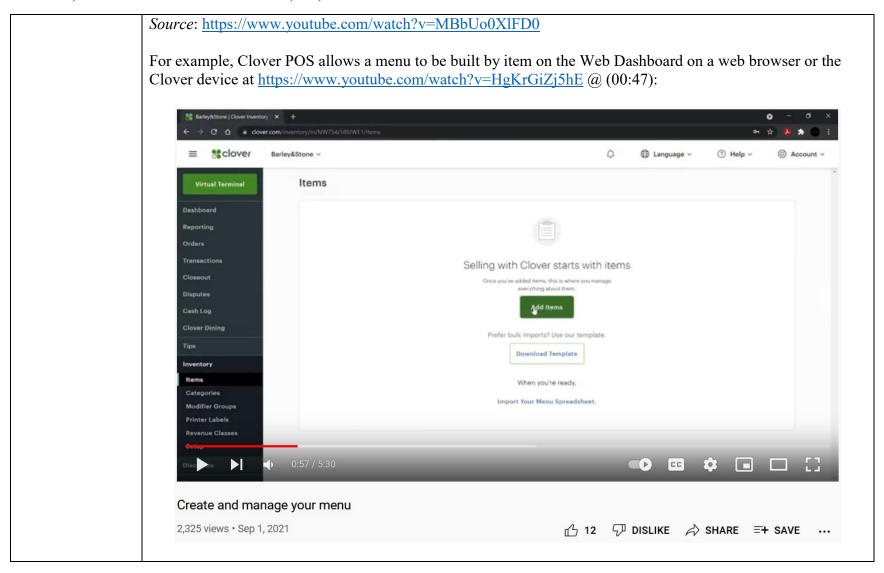
CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

provisioning the one or more POS terminals with the information over the network to create, or modify based on the further information the one or more POS screens displayed on the one or more POS terminals;

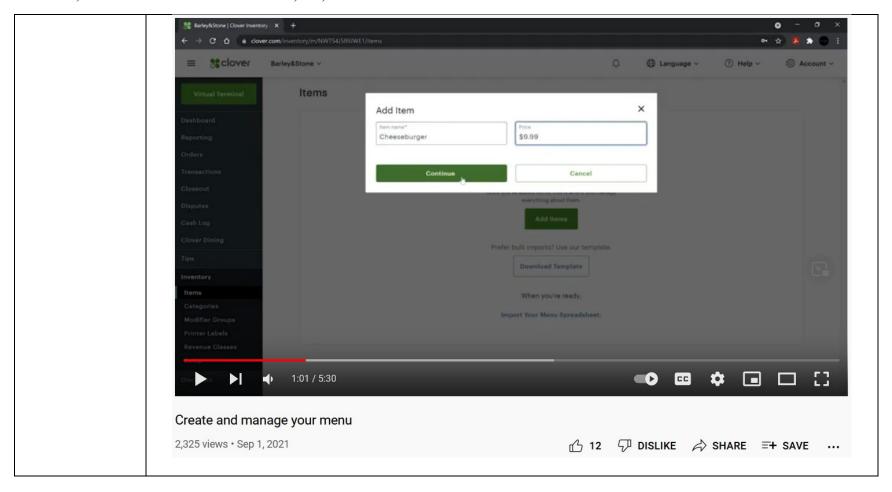
Clover POS includes provisioning the one or more POS terminals with the information over the network to create, or modify based on the further information the one or more POS screens displayed on the one or more POS terminals.

For example, Clover POS includes options to configure an online ordering service that is completely integrated with the POS terminal.

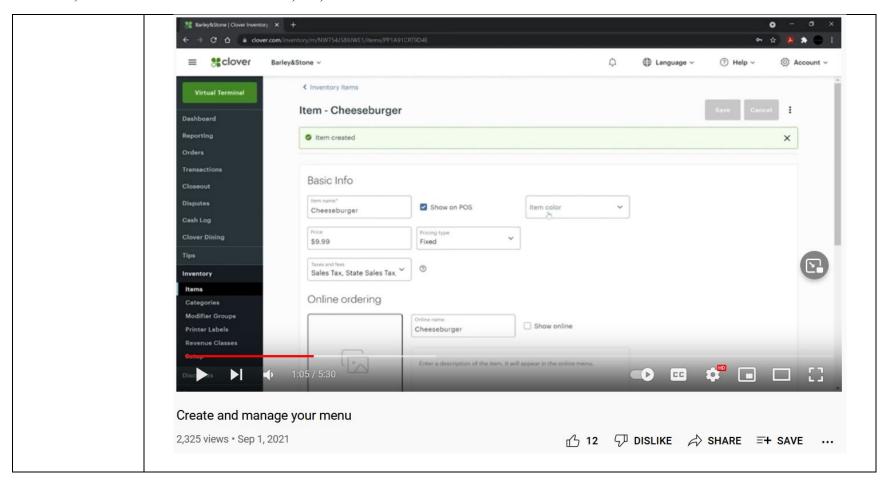


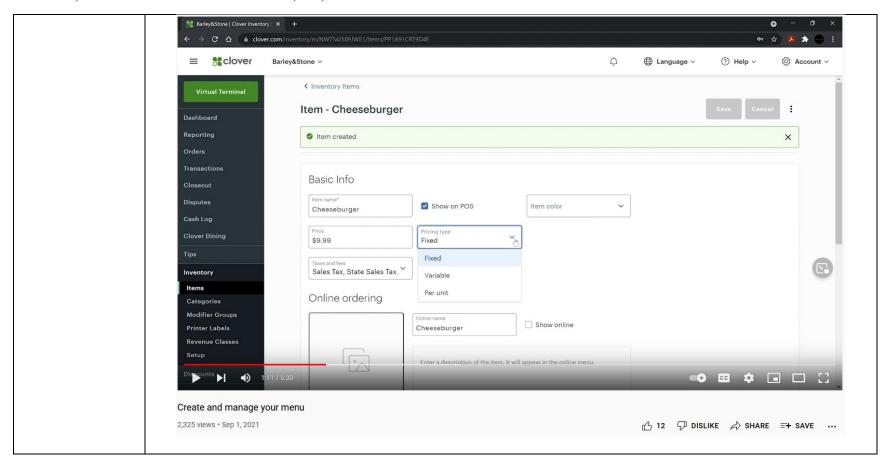


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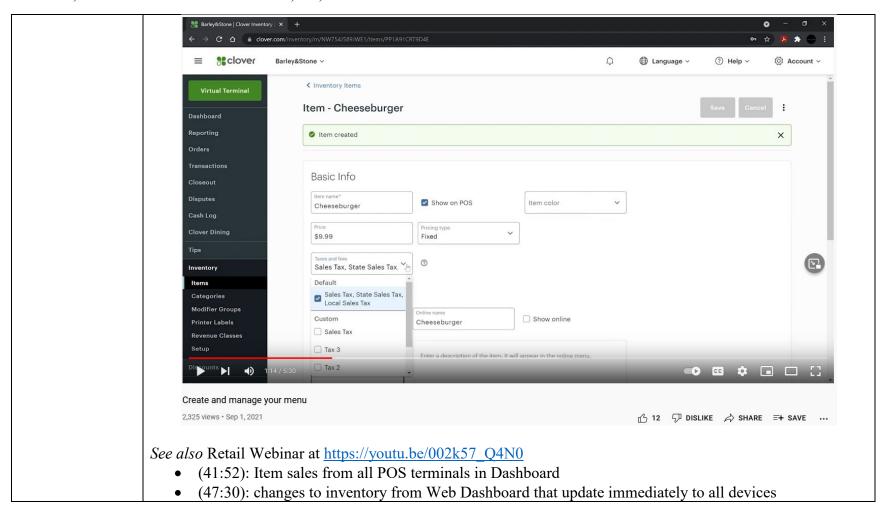


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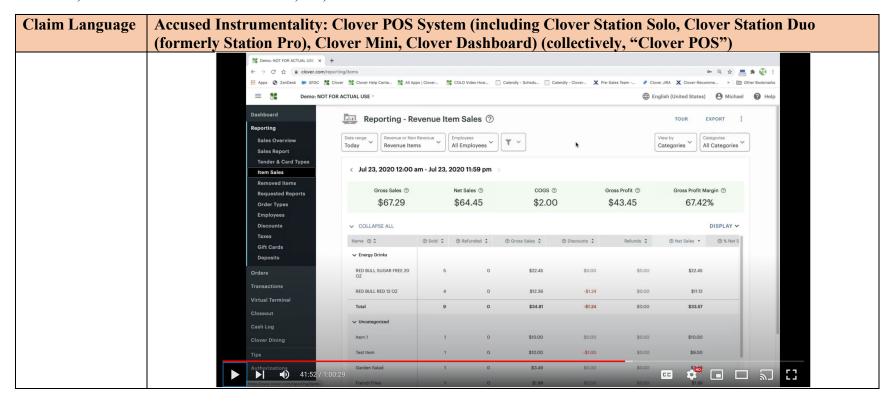




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wherein the further information regarding the one or more POS transactions, the information used for creating or modifying the one or more POS screens, or a combination thereof comprises one or more of employee clock information. customer add/update information, item add/update information, promotion information, loyalty point information. discount information, taxation information, item cost information, or inventory information; and

Clover POS includes wherein the further information regarding the one or more POS transactions, the information used for creating or modifying the one or more POS screens, or a combination thereof comprises one or more of employee clock information, customer add/update information, item add/update information, promotion information, loyalty point information, discount information, taxation information, item cost information, or inventory information.

See "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8



See also Counter Service Video (2:29): "In inventory, click on items and add new item. Fill out the fields you need, and since you've already set up categories, modifiers and labels, you can simply select them in the drop down menus."

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See also i	d.
	Build your restaurant food and beverage menu
	Build your menu by adding food and beverage items using the Inventory app on the Web Dashboard. When you build a menu, you can also define menu item modifiers to help the cashier take precise orders.
	To build your menu:
	1 On a web browser, log in to the <u>Web Dashboard</u> .
	Click Inventory > Category > Add New Category. Decide whether you want to group similar menu items into categories for easier management. If you do, create a few categories, such as food or bar. Reports also group items by category for easier reading. After you create a category here, you can add items to it.
	Olick Inventory > Labels > Add New Label. Create labels for your menu items to easily sort them for specific purposes, such as revenue class accounting. For example, you might have a walk-up eatery and a food truck, each with separate revenue accounting. You can create a label for each revenue class. Then attach each revenue class label to items in that revenue class. And report taxes easily for that revenue class.
	Click Inventory > Modifier Groups > Add New Modifier Group. Some menu items are ordered in a modified way, such as steak cooked rare or medium. Create modifiers and add their modifier groups to let the kitchen know exactly what the customer wants. You can also create modifiers for add-on items that cost extra, such as toppings.
	5 Click Inventory > Items > Add New Item. Add menu items on this page. Fill in the details for each new item. Only the name is required. Add the item to a category. If your servers will order the item in several different ways, add it to a modifier group. If you are using labels for reporting, attach a label to it.
	Prepare to work with inventories and menus at https://www.clover.com/help/prepare-to-work-with-s-and-menus/?device=ZKF1GcCo6sus0GkgWw6ku

Add items three ways

You can add inventory items in three ways:

- Enter individual item details, either on a Clover device or on the Clover Web Dashboard. Use
 this method when you want to add one item at a time. You can also use this method to
 complete the details for item entries you have added in other ways.
- Scan merchandise barcodes. You can use this method when you have merchandise or stock available with barcode labels.
- Import inventory items as data from a spreadsheet. You can use this method when you want
 to add many items at the same time. You need each item name and any amount of additional
 information that describes the item. Clover supplies a spreadsheet template you can use.

See also: Add, edit, and remove inventory items

Create item variants for merchandise differentiation

For the retail industry, variants let you assign variations to a single item. For example, if your business sells a men's dress shirt available in both broadcloth and twill, you'd create an item called **Dress Shirt**, and create variants of broadcloth and twill.

To complete the transaction in the Register app, the employee chooses between Dress Shirt broadcloth and Dress Shirt twill.

For details, read about adding items with variants.

See also: Add, edit, and remove inventory items

See also Add, edit, and remove inventory items at https://www.clover.com/help/build-a-merchandise-inventory-or-restaurant-menu/?device=ZKF1GcCo6sus0GkgWw6ku

See also id., "You can build your inventory or menu in the following ways: On the Web Dashboard, On any Clover device, Using a barcode scanner on a Clover device, Using a spreadsheet and the Web Dashboard."

See also Manually manage item availability at https://www.clover.com/en-US/help/manually-manage-item-availability





Customize your system

 The right mix of hardware
 Select the stationary and portable devices that fulfill your needs.

The right mix of software

Customize your POS system with the software features needed to run your husiness

Enhance with accessories and apps

Add <u>Clover-approved accessories</u> and third-party apps from our App Market that work with Clover to make your entire system more robust and efficient.

SHOP NOW

See also Clover Retail Webinar at https://youtu.be/002k57 Q4N0

- (25:15) Inventory on app and device: "We can adjust it on the device or we can do so online as well. . ."
- (25:44) Sync: "As soon as I change the price on here it's going to sync to all my devices as well. . ."
- (28:30) Add Items with Variants

See also Clover Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw

- (11:40) Real time, from anywhere: Re: restaurant floor plans, "Now likewise, I can do this from a computer. So say if I'm at home and they say 'we need this section open and y'all didn't open it, I can log into my Clover Web Dashboard on my computer or phone and edit the floor plan from my dashboard as well and it will just immediately update the systems at the restaurant."
- (29:45) Customization, on the main screen of the Clover device: "...accessible here, things like editing your menu can be done on site by clicking on the inventory app..." "...very simple to adjust..."
- (38:20) Customization, in the back office, on the Web Dashboard on a computer: "Whatever changes you make at the restaurant or from the computer, they will communicate with each other so what's nice

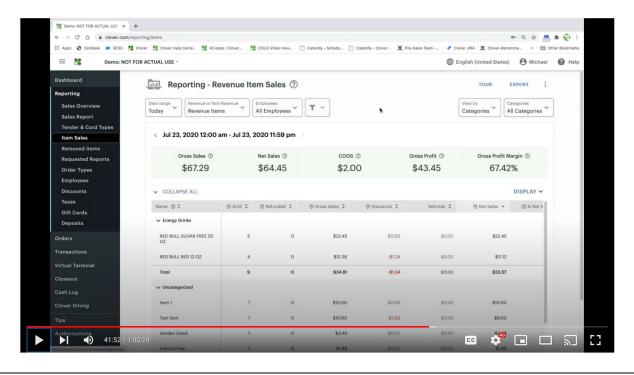
Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
	is they synchronize within a few seconds, making things easy to keep up to date and whether you're working from home or the computer it makes it hopefully convenient." "All the tools here are available and you can access it at any given time."
	 See also Clover Tour at: https://www.youtube.com/watch?v=zGAI-Cju4Ac (0:15): "Run your business from a Clover device or from virtually anywhere. Log into the web dashboard from any internet browser to manage everything from inventory to reports – its cloud-based. And syncs in real time with your Clover devices and apps."
	See also Meet the Merchant: Bagels & Brew at https://blog.clover.com/bagels-and-brew/ , "The thing I really appreciate about using Clover is that we can update our menu and our prices in an instant." "Clover is so easy to use and we can update everything ourselves."
	See also Meet the Merchant: La Gelati at https://blog.clover.com/meet-the-merchant-la-gelati/ , "We learned that making changes to our menu was much easier than we imagined, and we were immediately happy with it."
	See also Clover Restaurant Businesses Holiday 2020 Webinar at https://www.youtube.com/watch? w=x4hCW5IVuIE . Last accessed on June 12, 2022.
	• Stacy Shulis (spelling?) – Product Marketing Director for Clover Restaurant Products: (13:20) "Clover makes it super easy to create and to market an online ordering menu."
	 (29:29) "Absolutely there are actually a few features [on registers] that you can customize online." (30:00) Customize the look of the register
	 (32:00) Adding menu items demo (35:09) No limitations to how many times or how often you can change your menu; no waiting time to have your menu updated on your system, "happens almost instantly"
	• (35:48) Capability to change menu items remotely

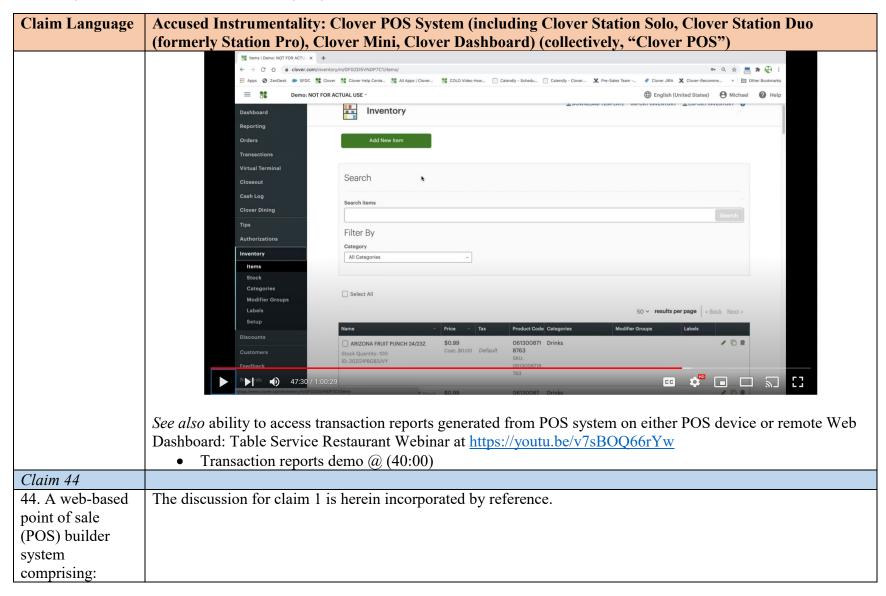
wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

Clover POS includes wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

- (41:52): Item sales from all POS terminals in Dashboard
- (47:30): changes to inventory from Web Dashboard that update immediately to all devices





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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

at least one serve
configured to:
communicate
with one or more
POS terminals
over a network
comprising the
Internet,

Clover POS includes at least one server configured to: communicate with one or more POS terminals over a network comprising the Internet.

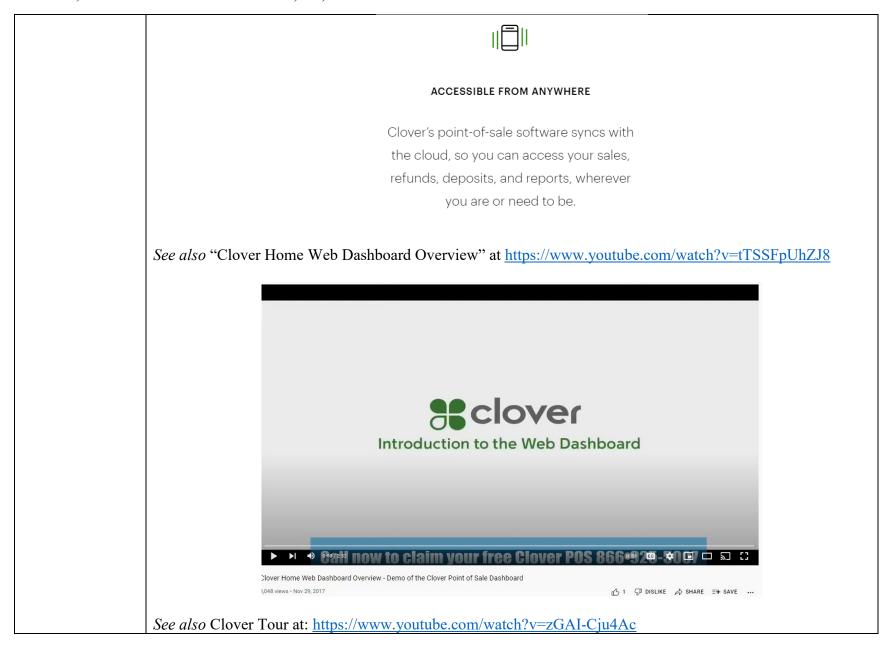
For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." *Source*: https://www.clover.com/pos-systems



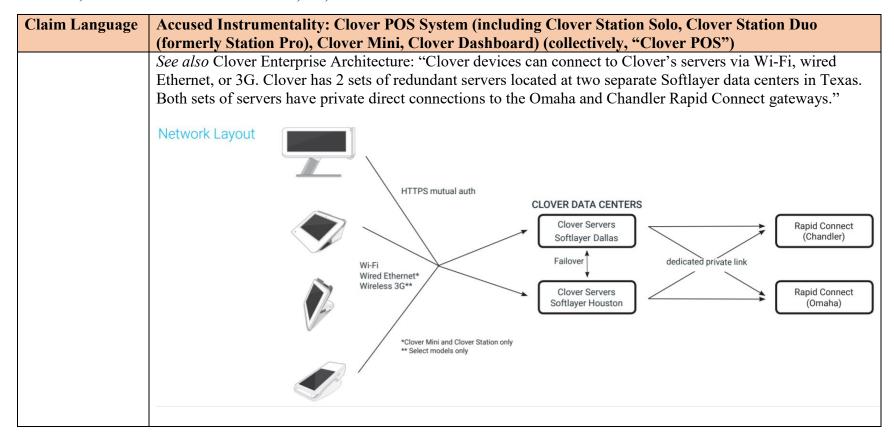
COMPLETELY CUSTOMIZABLE

Your POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices, apps, and accessories.

See also "Accessible From Anywhere" at https://www.clover.com/pos-systems stating: "Clover's point-of-sale software syncs with the cloud, so you can access your sales, refunds, deposit, and reports, wherever you are or need to be." Last accessed on June 12, 2022.

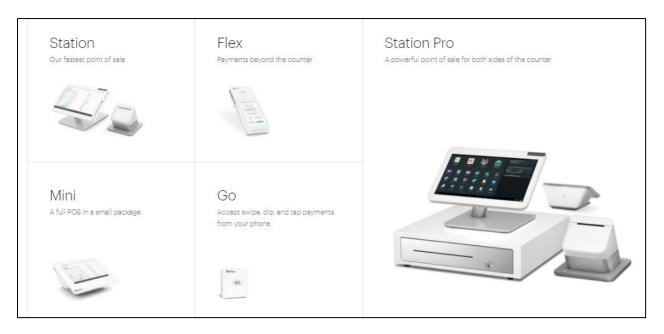


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wherein the one or more POS terminals are configured to display one or more POS screens; Clover POS includes wherein the one or more POS terminals are configured to display one or more POS screens.

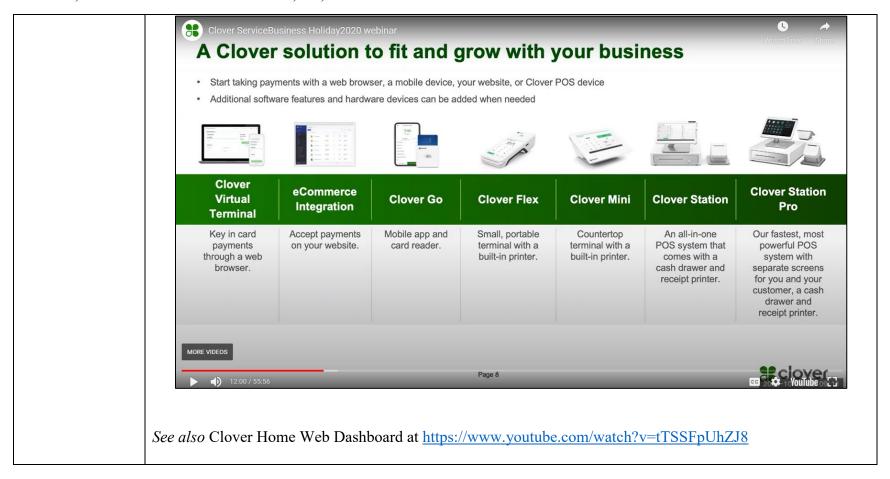
Clover POS includes wherein the one or more POS terminals are configured to display one or more POS screens.

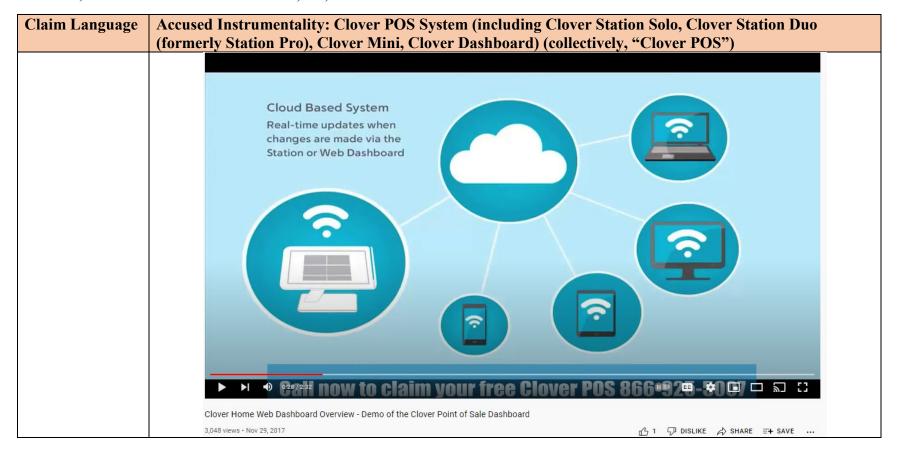


Source: https://www.clover.com/shop. Last accessed on June 12, 2022.

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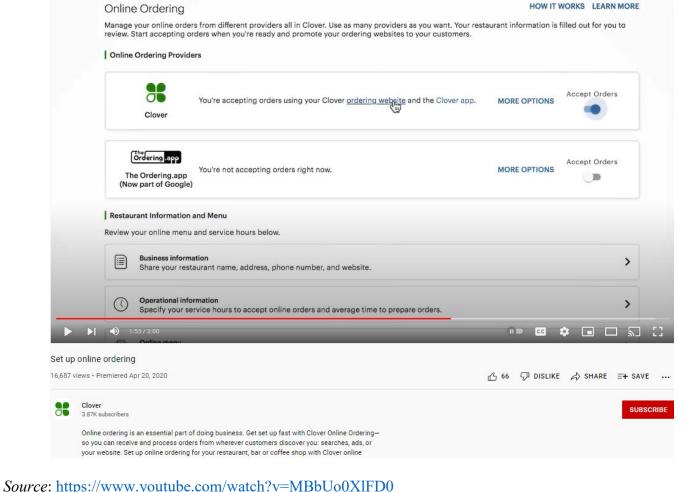
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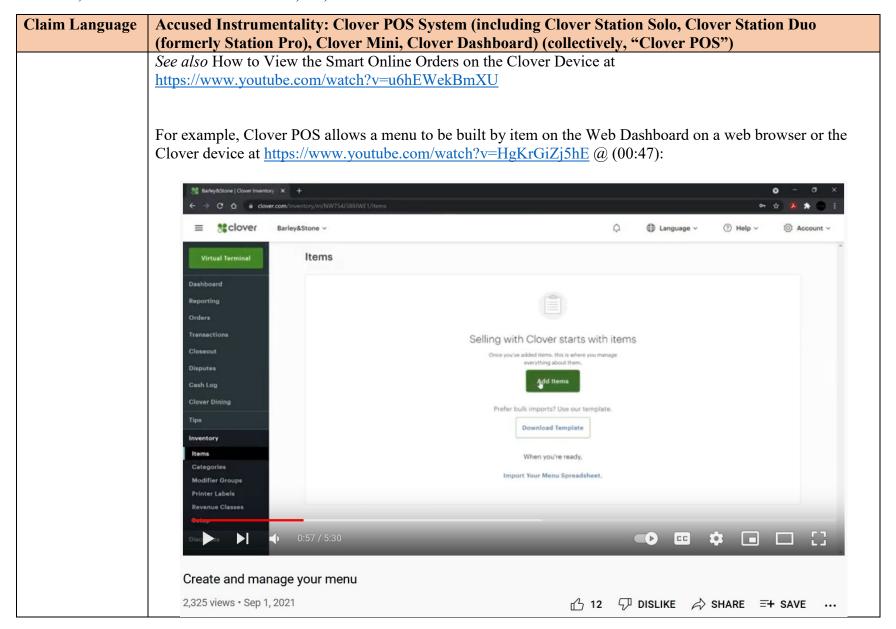
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receive, over the network from a POS builder interface, information for with the POS terminal. creating or Online Ordering modifying functionality of the one or more Online Ordering Providers POS terminals; O Clover Ordering app You're not accepting orders right now. The Ordering.app (Now part of Google) Restaurant Information and Menu Review your online menu and service hours below.

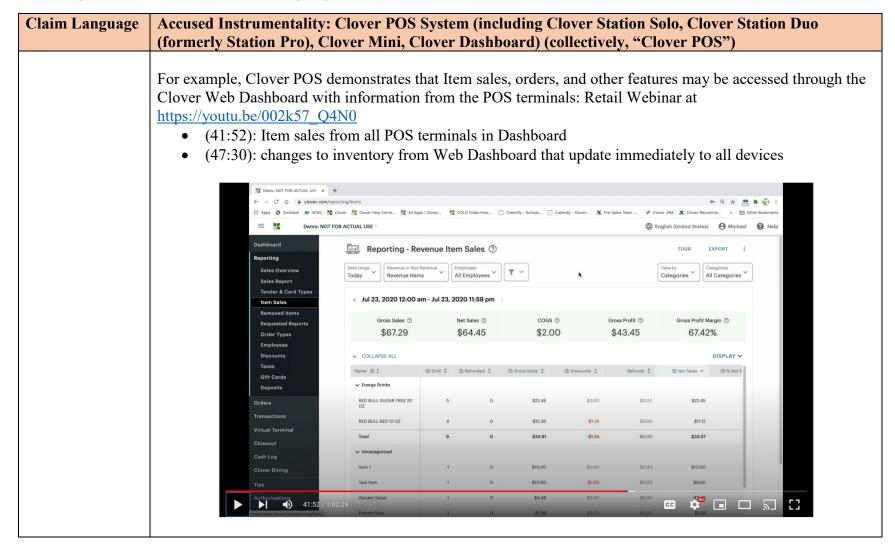
Clover POS includes receive, over the network from a POS builder interface, information for creating or modifying functionality of the one or more POS terminals.

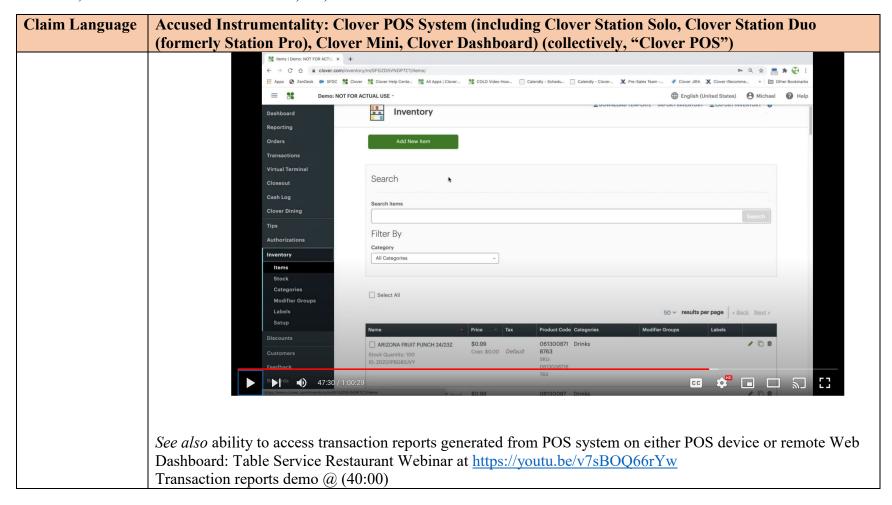
For example, Clover POS includes options to configure an online ordering service that is completely integrated





Claim Language	Accused Instrumentality: Clover POS System (including Clover Station Solo, Clover Station Duo (formerly Station Pro), Clover Mini, Clover Dashboard) (collectively, "Clover POS")
receive, from at least one of the one or more POS terminals over the network, further	Clover POS includes receive, from at least one of the one or more POS terminals over the network, further information regarding one or more POS transactions corresponding to the one or more items. For example, Clover POS states that a "POS system should be tailored to your needs today and scale with your business. Build the system you need now, and expand as you grow with devices apps, and accessories." <i>Source</i> :
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the one or more items; and	See also "Clover Home Web Dashboard Overview" at https://www.youtube.com/watch?v=tTSSFpUhZJ8
	aclover
	Introduction to the Web Dashboard
	> ► I → © © 7/2 ³² now to claim your free Clover POS 866 © 2© - → Clover Home Web Dashboard Overview - Demo of the Clover Point of Sale Dashboard 3,048 views - Nov 29, 2017 © 1 ♥ DISLIKE ♠ SHARE = SAVE



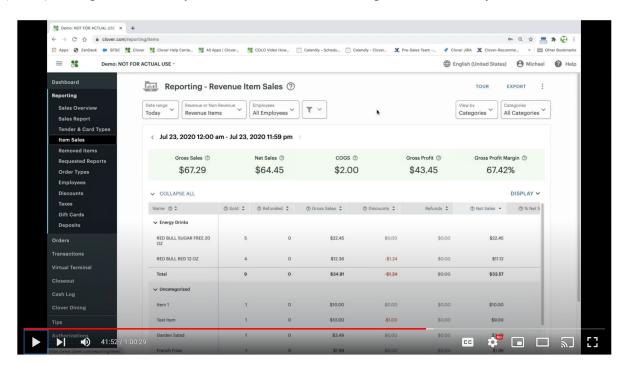


configure the one or more POS terminals with the information over the network to create, or modify based on the further information the functionality of the one or more POS terminals;

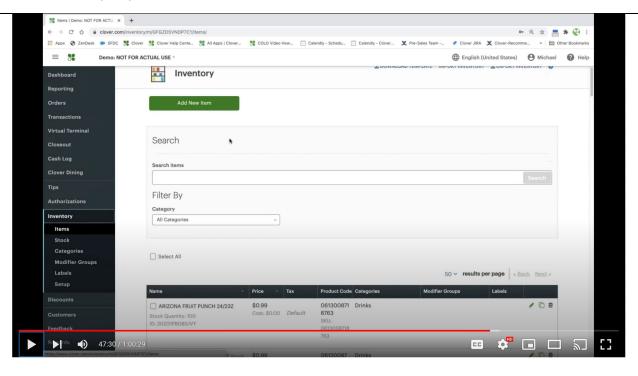
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For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Transaction reports demo @ (40:00)

For example, Clover POS transactions include further information regarding loyalty point information and inventory information. *See* Clover Station Brochure, p. 4:

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Professional-grade tools free you to focus on what matters.

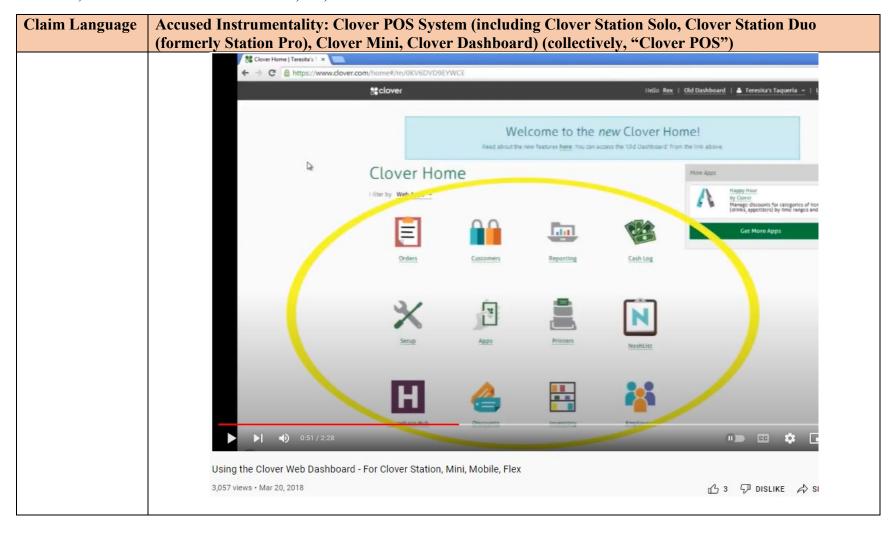
Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.

P

PRODUCTIVITY AT THE POINT OF SALE.

With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.

For example, Using the Clover Web Dashboard (source: https://www.youtube.com/watch?v=xHiR9E3Awoc



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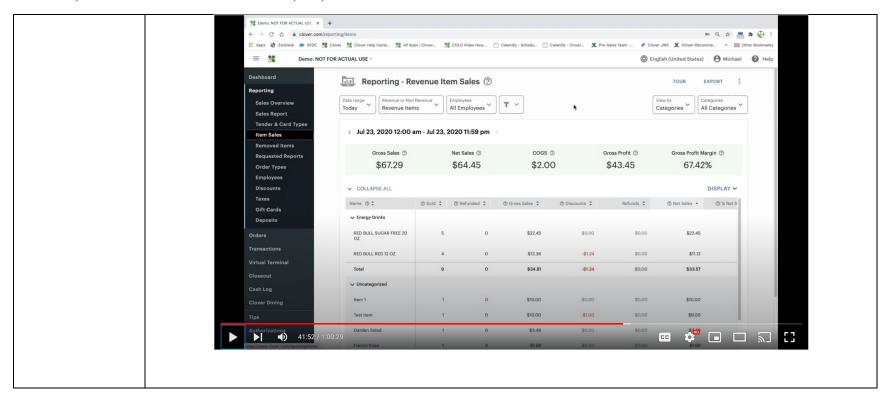
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Clover POS includes wherein the further information regarding the one or more POS transactions, the information used for creating or modifying the one or more POS screens, or a combination thereof comprises one or more of employee clock information, customer add/update information, item add/update information, promotion information, loyalty point information, discount information, taxation information, item cost information, or inventory information.

Clover POS includes configure the one or more POS terminals with the information over the network to create or modify based on the further information regarding one or more POS transactions the one or more POS screens displayed on the one or more POS terminals.

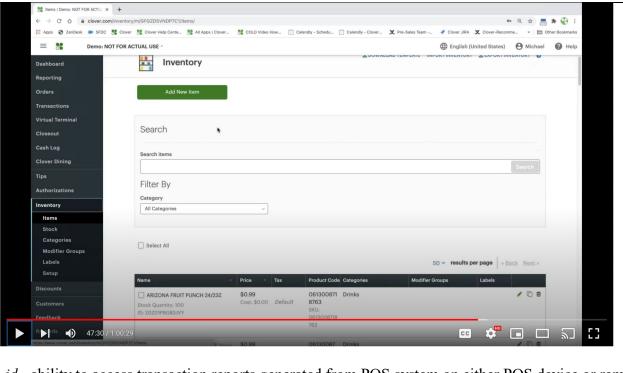
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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793



See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
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For example, Clover POS transactions include further information regarding loyalty point information and inventory information. *See* Clover Station Brochure, p. 4:

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CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

Professional-grade tools free you to focus on what matters.

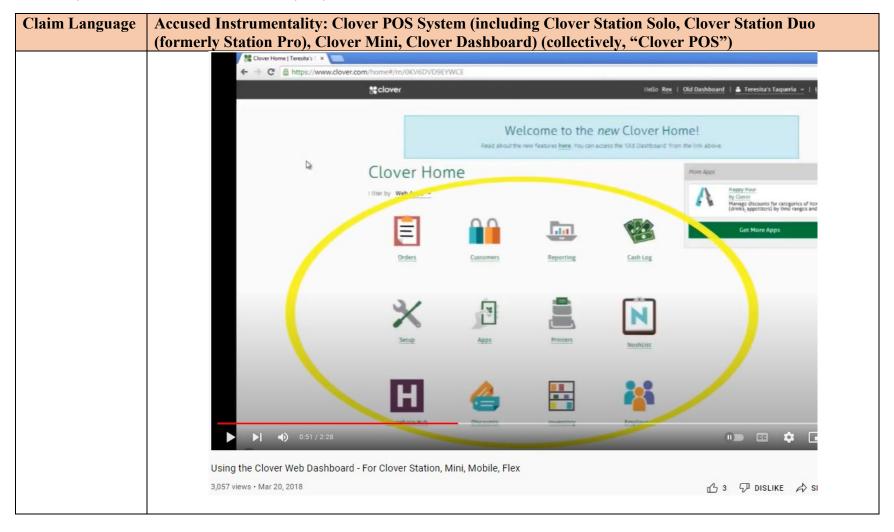
Clover™ Station arrives pre-loaded with everything you need to accept payments and run your business more efficiently. Its cloud-based software enables you to manage your inventory, track revenues, and generate reports—empowering you to see inside your operations and work smarter.

P

PRODUCTIVITY AT THE POINT OF SALE.

With every sale, Clover Station automatically tracks inventory and builds a transaction record. And customers can opt-in to loyalty programs so that you can start building lasting relationships and drive repeat business.

For example, Using the Clover Web Dashboard (source: https://www.youtube.com/watch?v=xHiR9E3Awoc):

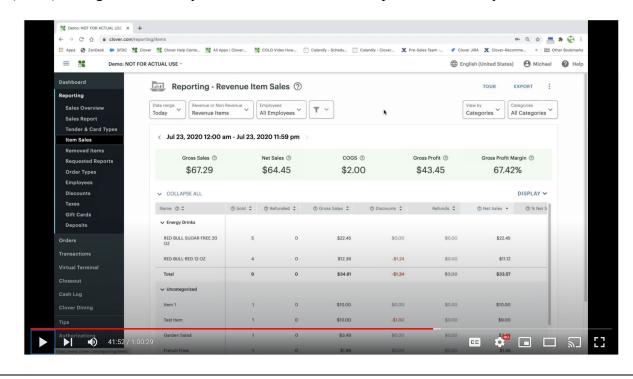


wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

Clover POS includes wherein said further information regarding the one or more POS transactions relate to one or more transactions by corresponding customers respectively associated with at least one of said one or more POS terminals.

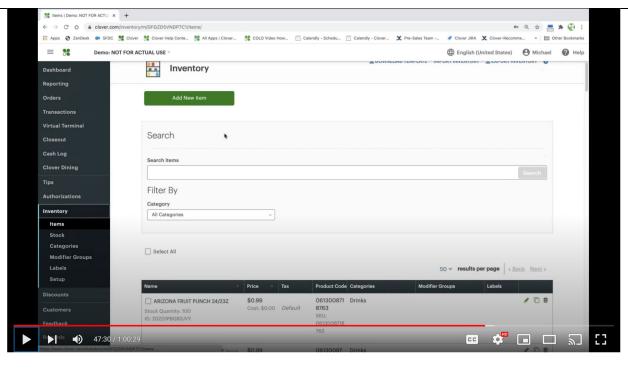
For example, Clover POS demonstrates that Item sales, orders, and other features may be accessed through the Clover Web Dashboard with information from the POS terminals: Retail Webinar at https://youtu.be/002k57 Q4N0

- (41:52): Item sales from all POS terminals in Dashboard
- (47:30): changes to inventory from Web Dashboard that update immediately to all devices



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See also id., ability to access transaction reports generated from POS system on either POS device or remote Web Dashboard: Table Service Restaurant Webinar at https://youtu.be/v7sBOQ66rYw
Transaction reports demo @ (40:00)

For example, Clover POS transactions include further information regarding loyalty point information, inventory information, and discount information. *See* Clover Station Brochure, p. 4, 6:

CloudofChange, LLC v. Clover Network Inc., Case No.: 6-22-CV-634-ADA Exhibit C, Claim Chart for U.S. Pat. No. 11,226,793

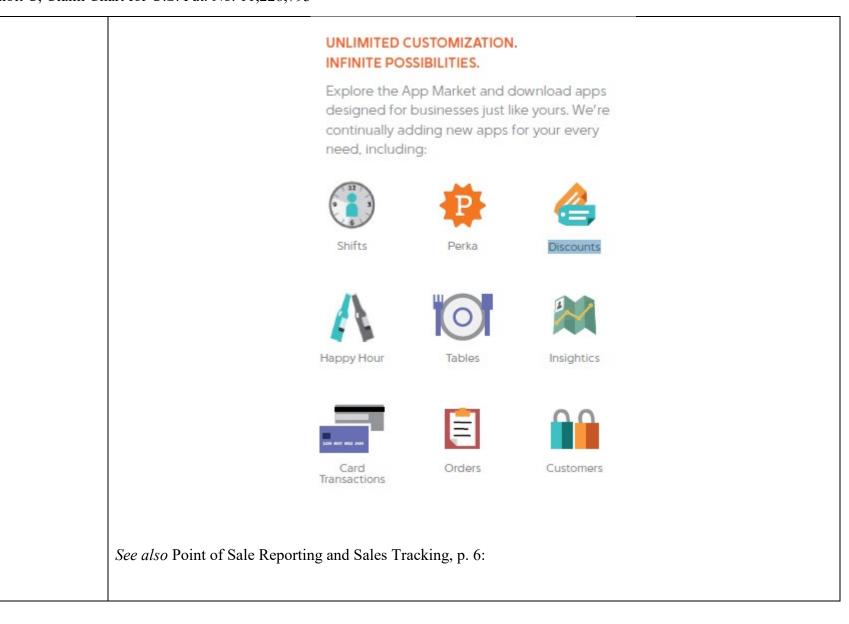
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